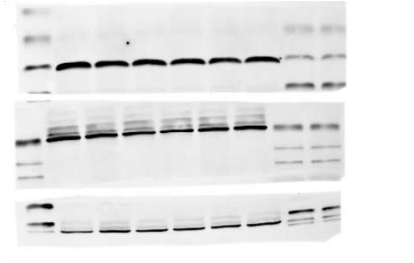


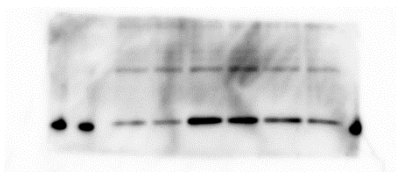
**Distinct roles of short and long thymic stromal lymphopoietin isoforms in house dust mite-induced asthmatic airway epithelial barrier disruption.**

Hangming Dong<sup>1†</sup>; Yahui Hu<sup>1†</sup>; Laiyu Liu<sup>1†</sup>; Mengchen Zou<sup>1</sup>; Chaowen Huang<sup>1</sup>; Lishan Luo<sup>1</sup>; Changhui Yu<sup>2</sup>; Xuan Wan<sup>1</sup>; Haijin Zhao<sup>1</sup>; Jialong Chen<sup>2</sup>; Zhefan Xie<sup>1</sup>; Yanqing Le<sup>1</sup>; Fei Zou<sup>2\*\*</sup>; Shaoxi Cai<sup>1\*</sup>

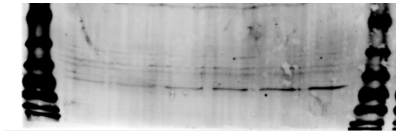
**Figure 1**



β-actin β-catenin E-cadherin Figure 1 a



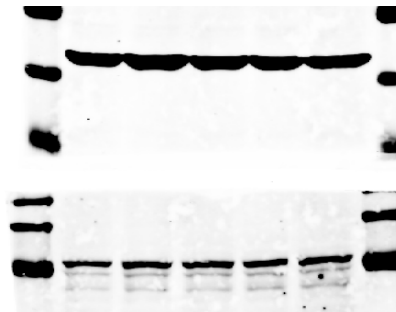
IFTSLP Figure 1 b



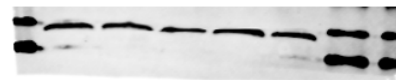
Secreted IFTSLP Figure 1 b



IFTSLP Figure 1 c

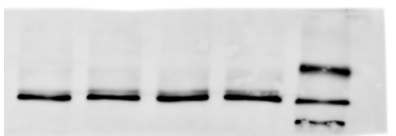


β-actin E-cadherin Figure 1 c

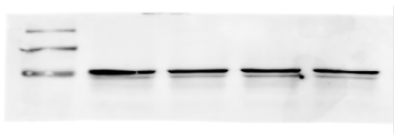


β-catenin Figure 1 c

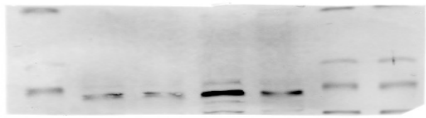
**Figure 2**



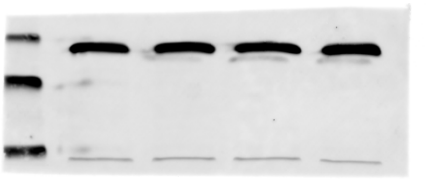
E-cadherin Figure 2 b



β-catenin Figure 2 b

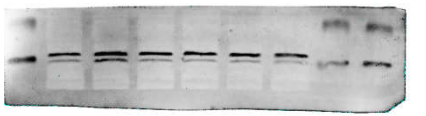


IftSLP Figure 2 b

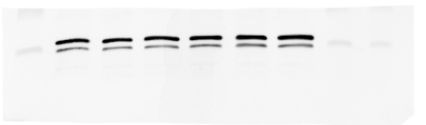


$\beta$ -actin Figure 2 b

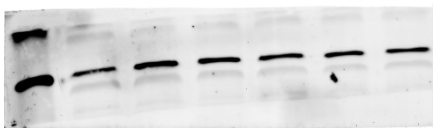
### Figure 3



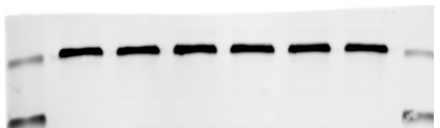
p-ERK Figure 3 a



t-ERK Figure 3 a



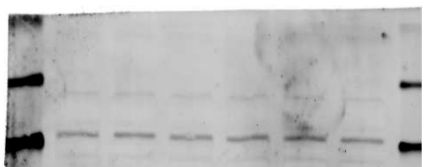
p-p38 Figure 3 a



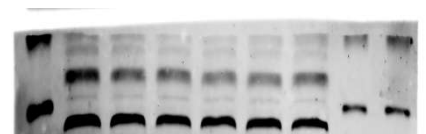
t-p38 Figure 3 a



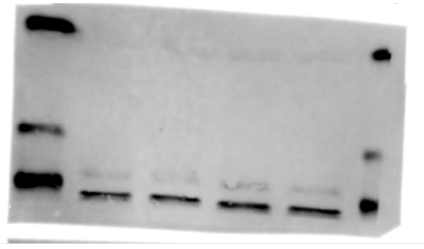
p-JNK Figure 3 a



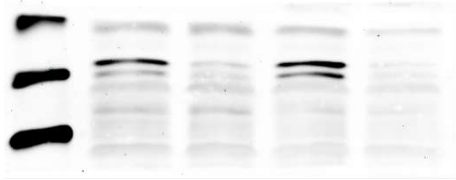
t-JNK Figure 3 a



$\beta$ -actin Figure 3 a



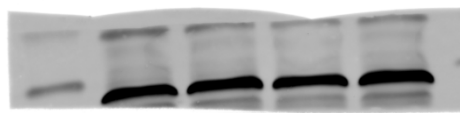
IFTSLP Figure 3 c



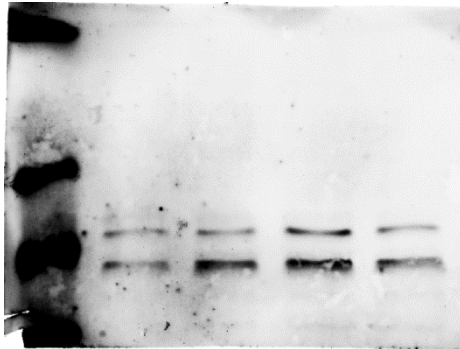
p-ERK Figure 3 c



t-ERK Figure 3 c



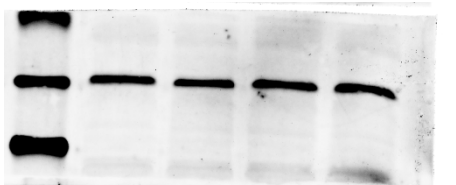
$\beta$ -actin Figure 3 c



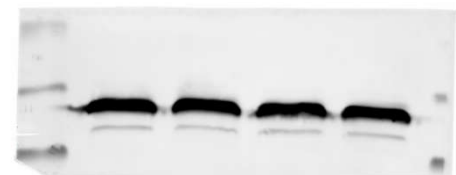
IFTSLP Figure 3 d



p-p38 Figure 3 d

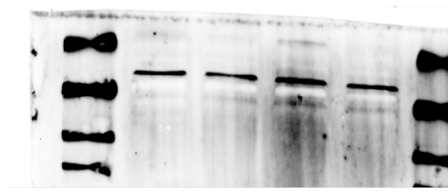


t-p38 Figure 3 d

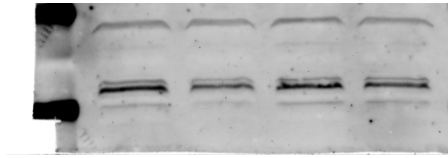


$\beta$ -actin Figure 3 d

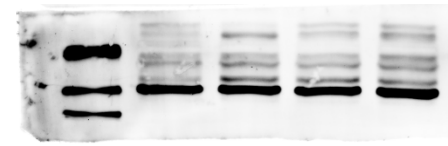
**Figure 4**



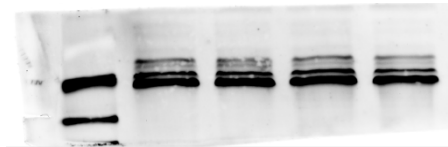
p-STAT5 Figure 4 a



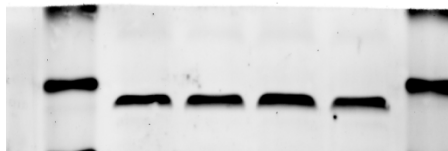
t-STAT5 Figure 4 a



E-cadherin Figure 4 a



$\beta$ -catenin Figure 4 a

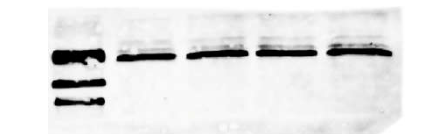


$\beta$ -actin Figure 4 a

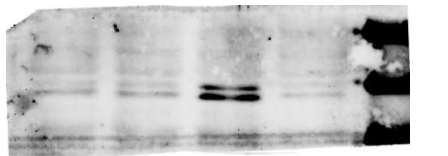
**Figure 5**



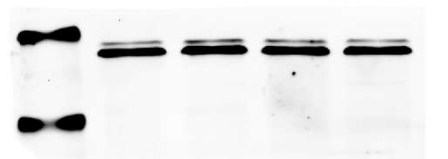
E-cadherin Figure 5 a



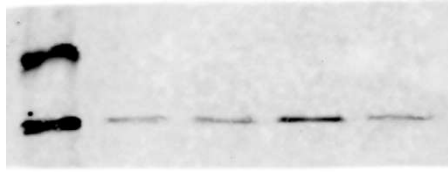
$\beta$ -catenin Figure 5 a



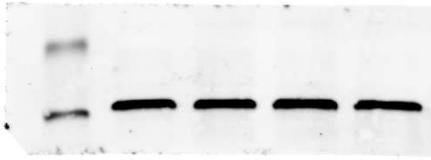
p-ERK Figure 5 a



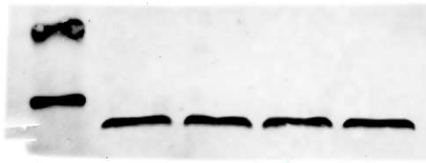
t-ERK Figure 5 a



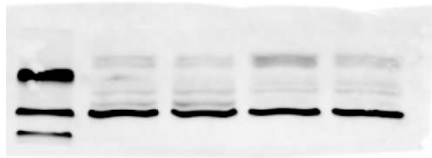
p-p38 Figure 5 a



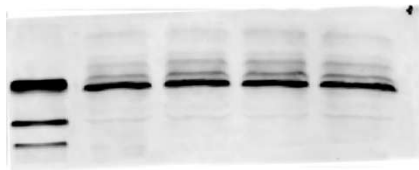
t-p38 Figure 5 a



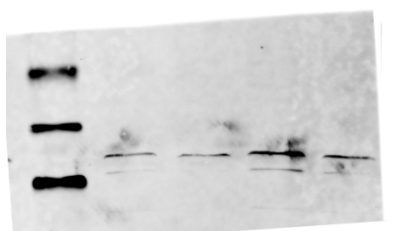
$\beta$ -actin Figure 5 a



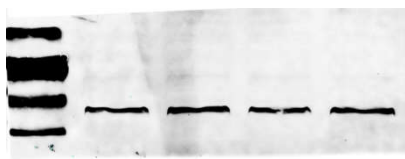
E-cadherin Figure 5 b



$\beta$ -catenin Figure 5 b



p-STAT5 Figure 5 b

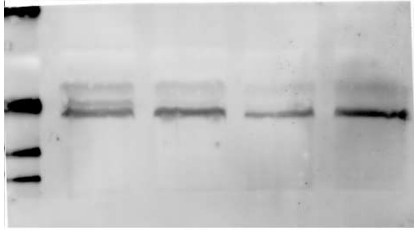


t-STAT5 Figure 5 b

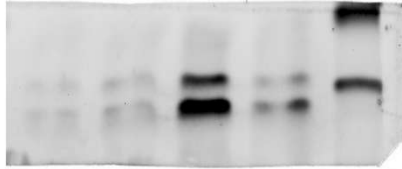
## Figure 8



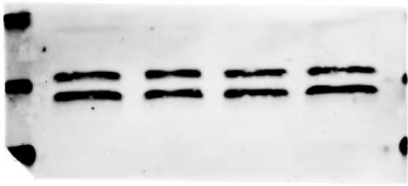
E-cadherin Figure 8 a



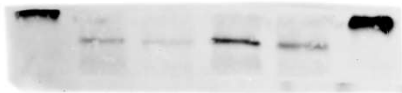
$\beta$ -catenin Figure 8 a



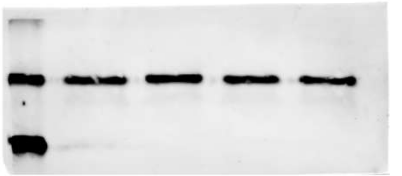
p-ERK Figure 8 a



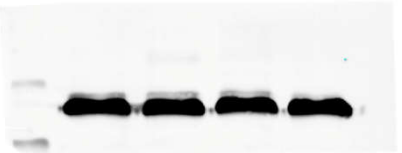
t-ERK Figure 8 a



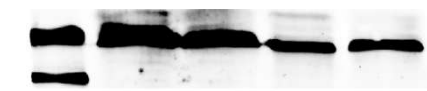
p-p38 Figure 8 a



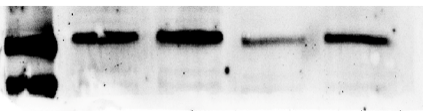
t-p38 Figure 8 a



$\beta$ -actin Figure 8 a



E-cadherin Figure 8 b



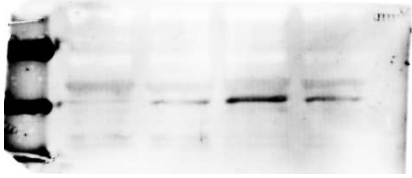
$\beta$ -catenin Figure 8 b



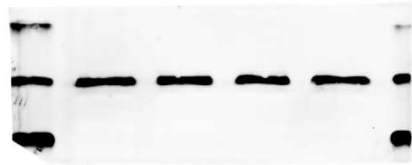
p-ERK Figure 8 b



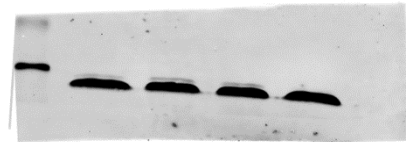
t-ERK Figure 8 b



p-p38 Figure 8 b



t-p38 Figure 8 b



$\beta$ -actin Figure 8 b