Supplementary Information

Role of phosphatase activity of soluble epoxide hydrolase in regulating simvastatin-activated endothelial nitric oxide synthase

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 $\label{eq:signal_signal} \mbox{Fig S3. Role of sEH phosphatase in regulating simva$ $statin-induced eNOS phosphorylation.}$

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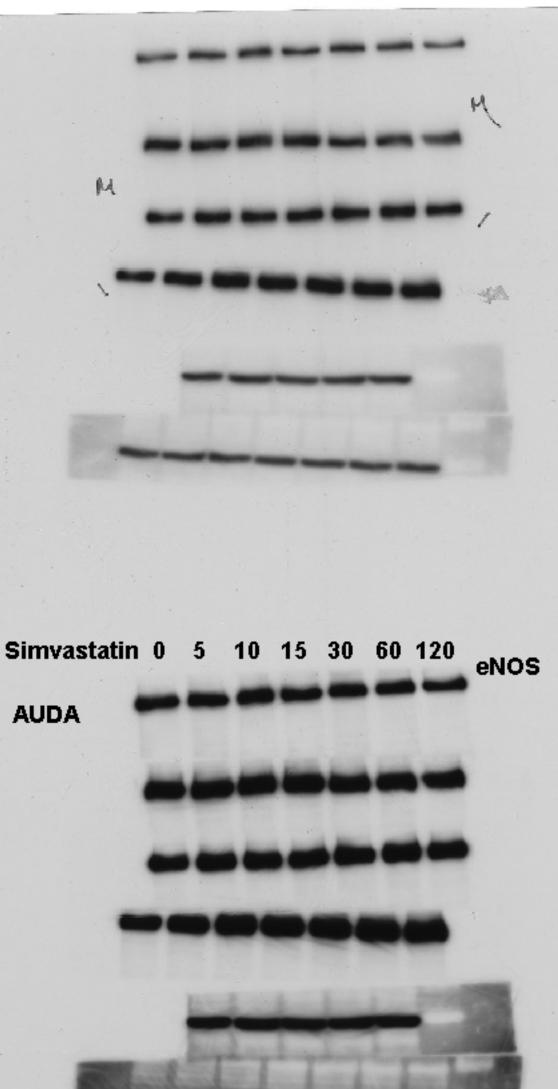
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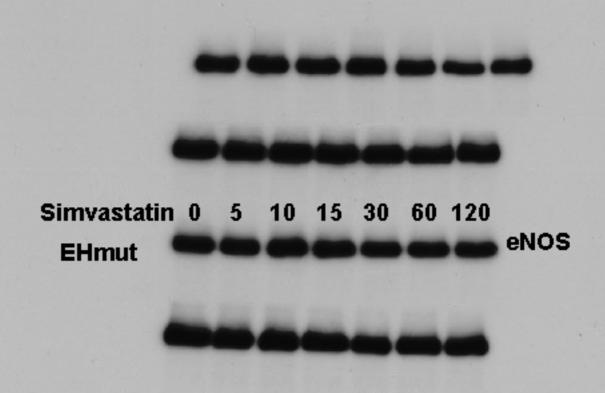
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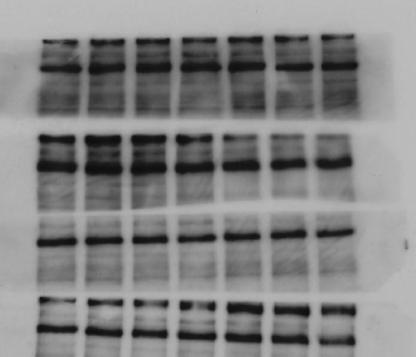
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 $\label{eq:seminormal} \mbox{Fig S4. sEH phosphatase plays a crucial role in regulating simvastatin-induced} \mbox{ Akt and AMPK phosphorylation.}$

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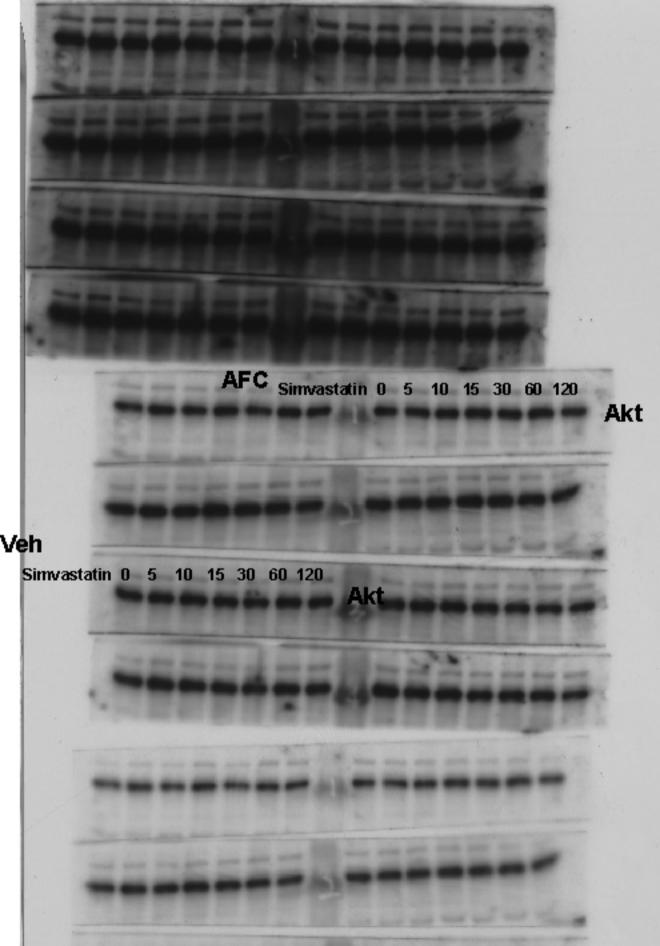
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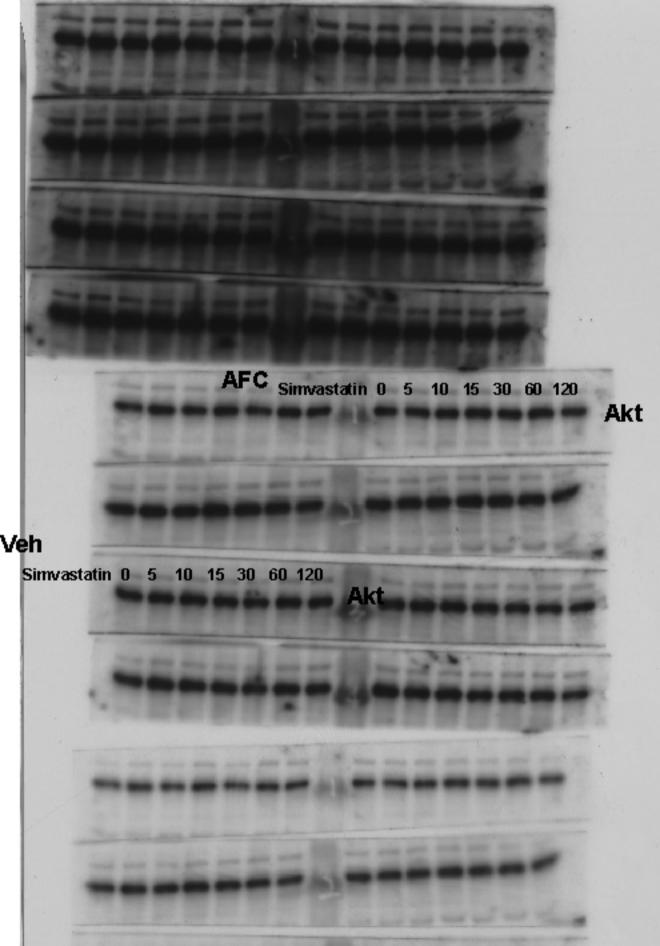
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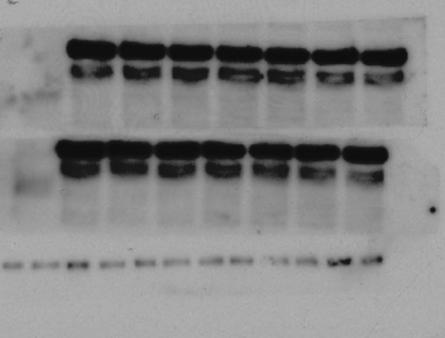
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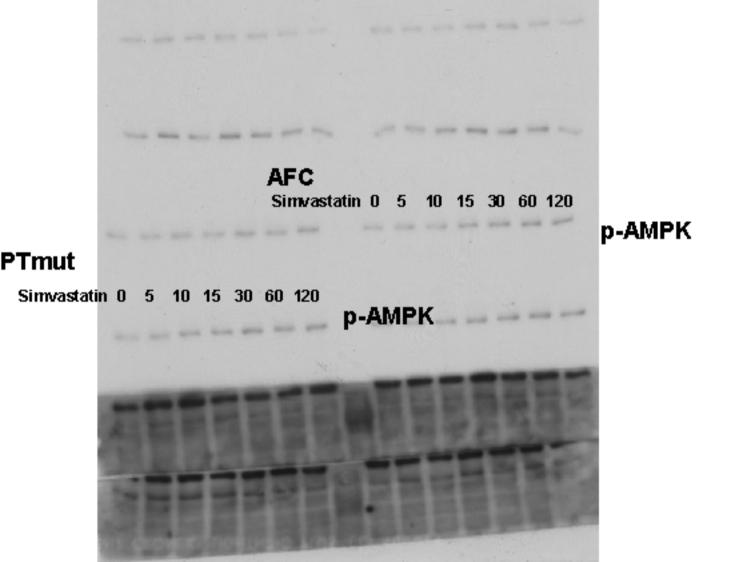


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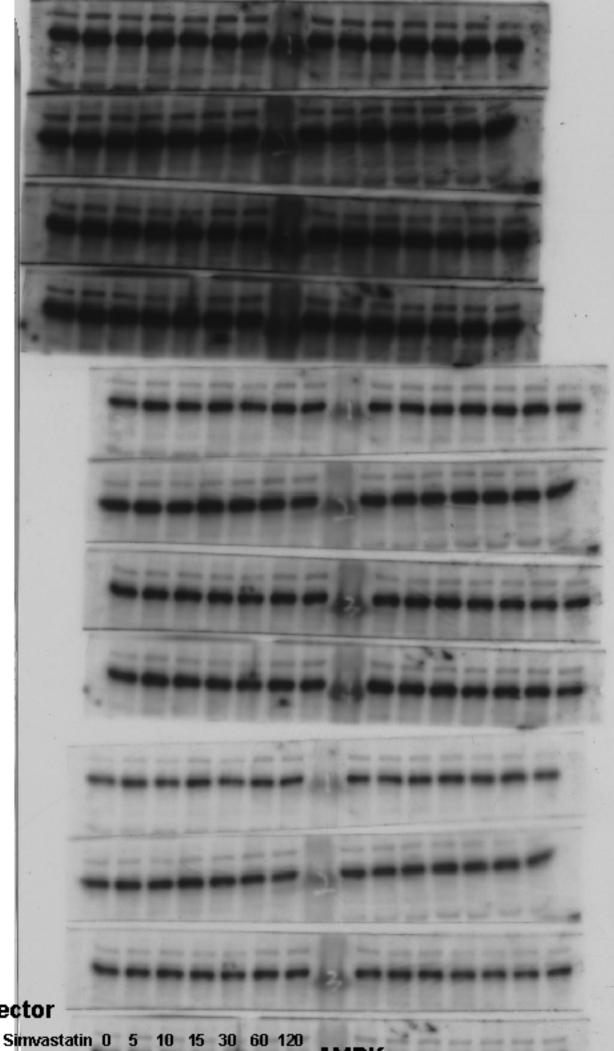
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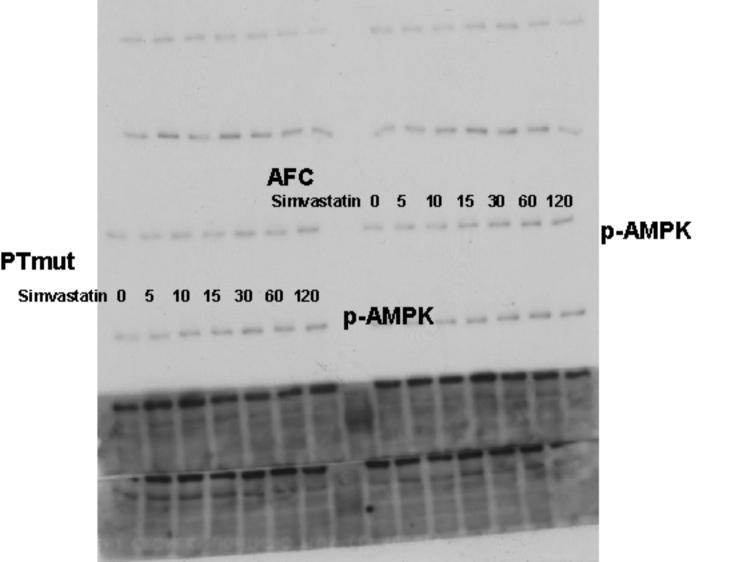
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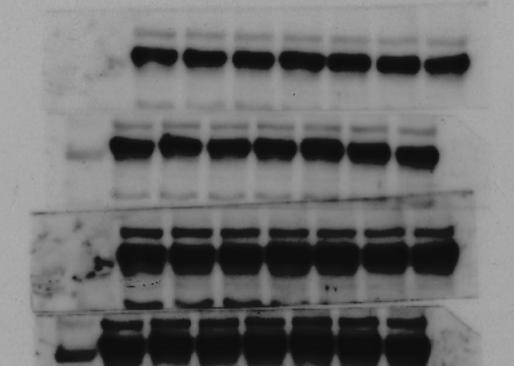
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 $\label{eq:special_special} \begin{tabular}{lll} Fig $S5$. Simvastatin promotes the formation of an sEH-eNOS-Akt-AMPK complex. \end{tabular}$

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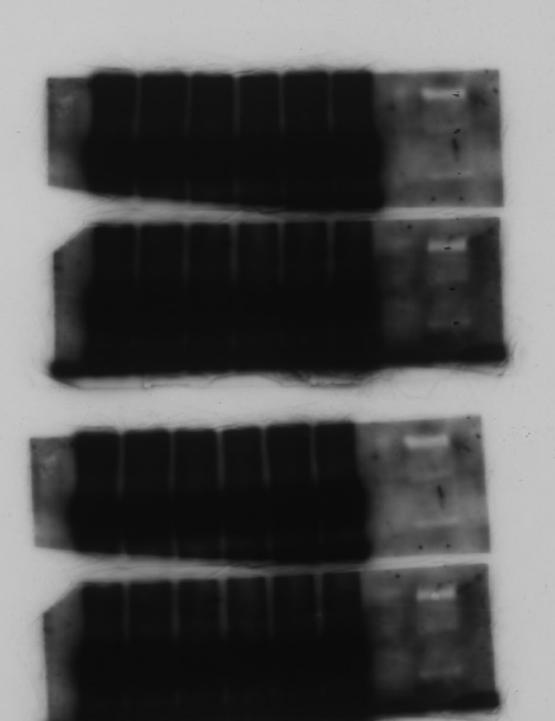
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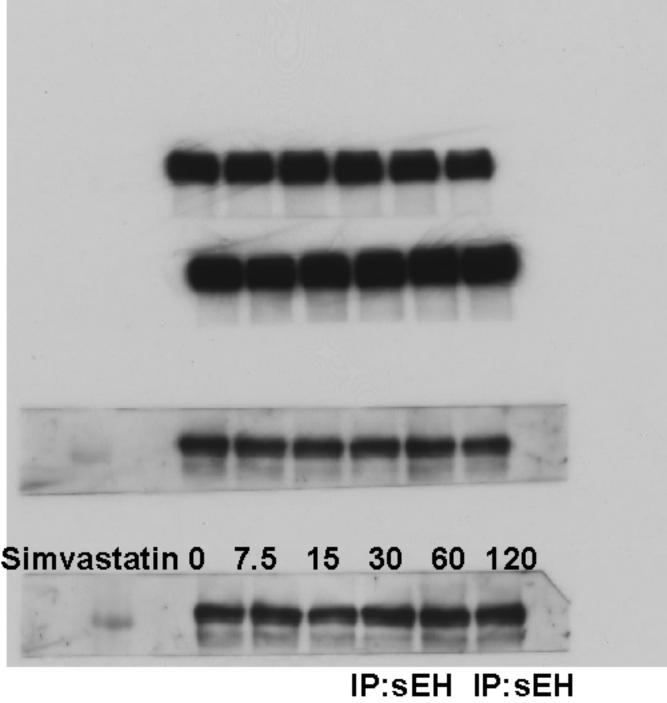


Fig S6. Activation of epidermal growth factor receptor (EGFR)–c-Src signaling is required for simvastatin-induced increase in sEH phosphatase activity.

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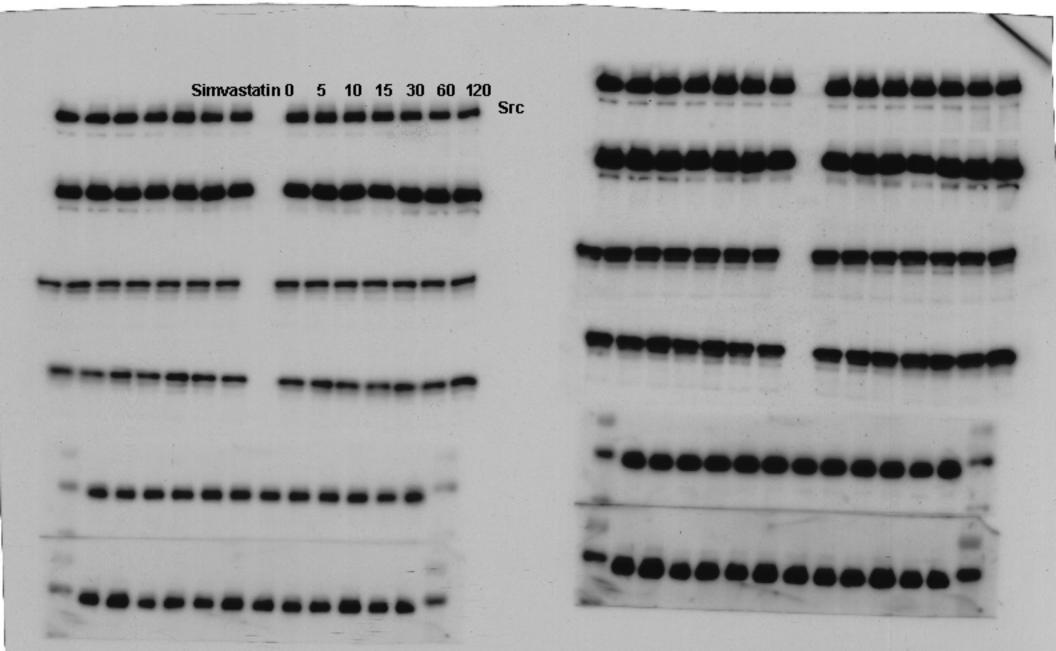


Fig S7. Simvastatin induces tyrosine phosphorylation of sEH.

Simvastatin 0 5 10 15 30 60 120 pEGFR

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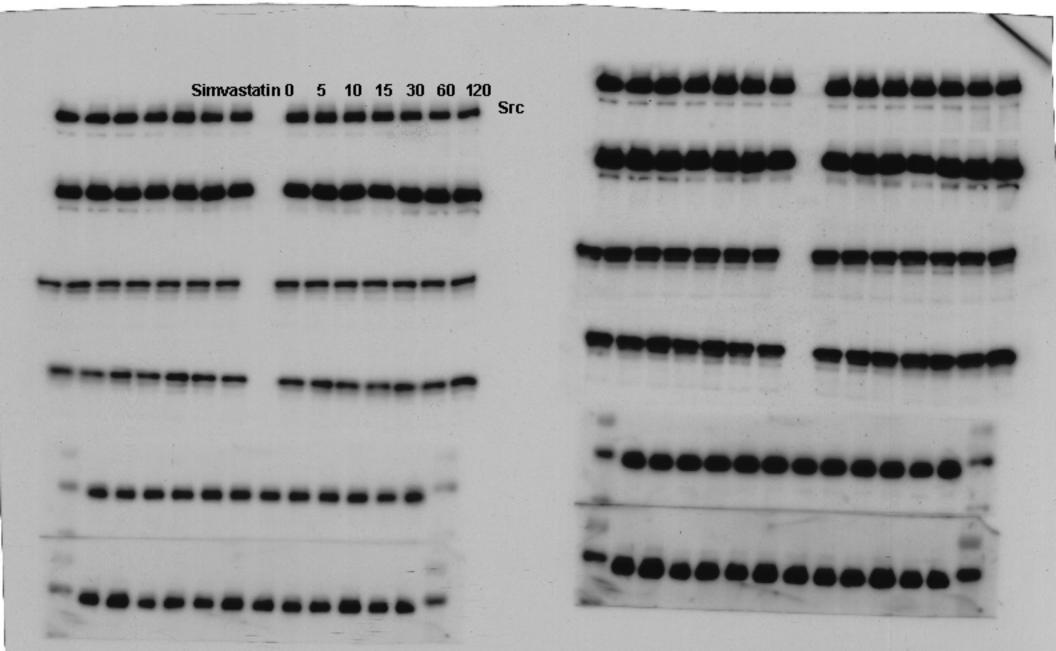
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Simvastatin 0 5 10 15 30 60 120 pEGFR

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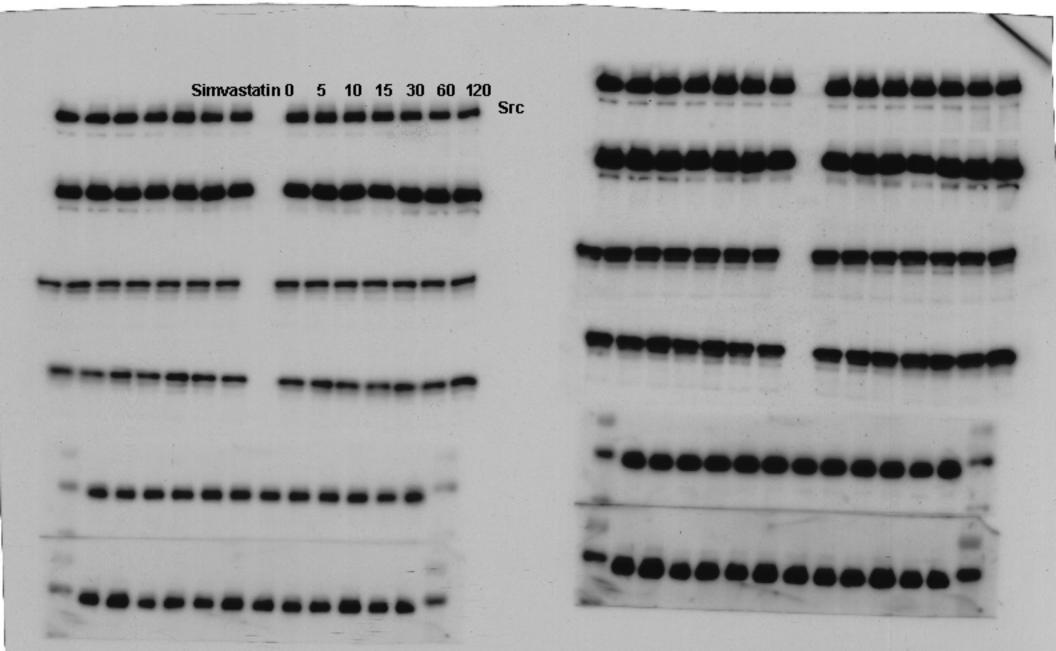
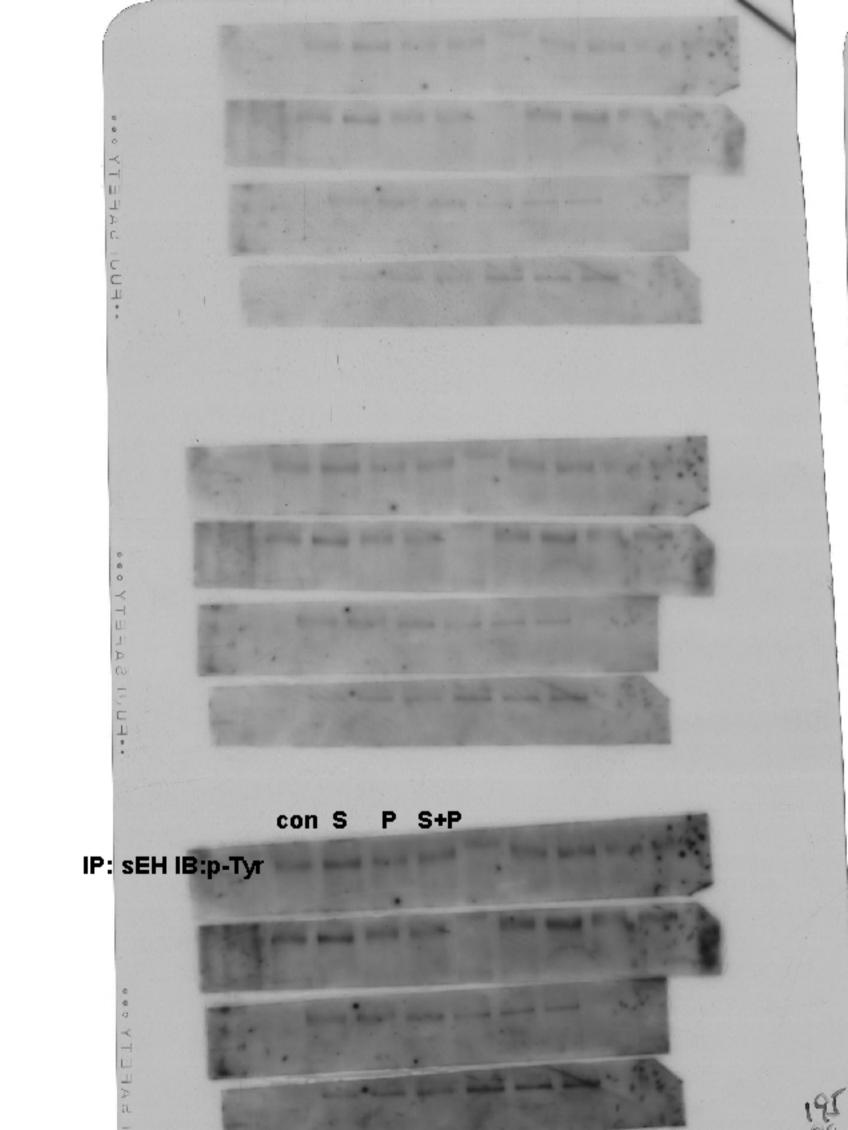


Fig S8. c-Src signaling is essential for simvastatin-induced sEH tyrosine phosphorylation and the formation of an sEH-Akt-AMPK-eNOS complex.



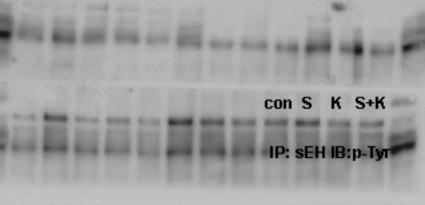


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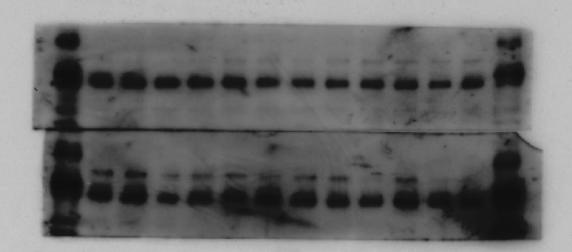
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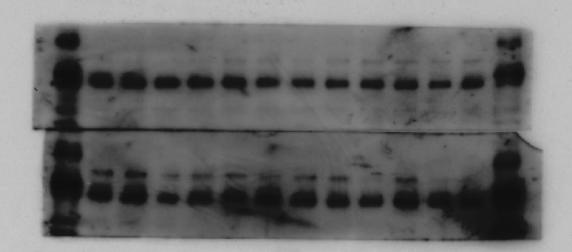
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