

## Custom Antibody Product Report

**Order Number:** 082813AB0401

**P.O. Number:** CVMT13-6045

### **Customer Information**

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**Number of antibodies included in this package: 1**

**Number of antibodies have not been delivered: 0**

*All reagents are shipped as lyophilized powder. For research use only.*

All claim should be made within 30 days of the products received at the destination in writing form (fax or email) and failure to do so shall constitute a waiver by customer for any and all such claims.

**Antibody:** gi|17136258|ref|NP\_476600.1|escargot [Drosophilamelanogaster]**Antigen Sequence:**

1. YQFEAPQNHSNTP-C
2. DEHIEEDEDVDV-C
3. C-PNASAKKDKNQPP

**Delivery List:**

Antibody	List of tubes	Description	Rabbit #	Original serum vol.	Titer (ELISA)	Purification	IgG (mg/ml)
1		peptide, 2.3 mg, 74.25% YQFEAPQNHSNTP-C					
	1	Pre-immune sera	1	2 ml			
	2	Anti-serum		25 ml	>1:384,000	SAS	2mg/ml
	3	Anti-serum		25 ml	>1:384,000	SAS	2mg/ml
	4	Pre-immune sera	2	2 ml			
	5	Anti-serum		25 ml	>1:384,000	SAS	2mg/ml
	6	Anti-serum		25 ml	>1:384,000	SAS	2mg/ml
2		peptide, 2.3 mg, 74.18% DEHIEEDEDVDV-C					
	1	Pre-immune sera	1	2 ml			
	2	Anti-serum		25 ml	>1:384,000	SAS	2mg/ml
	3	Anti-serum		25 ml	>1:384,000	SAS	2mg/ml
	4	Pre-immune sera	2	2 ml			
	5	Anti-serum		25 ml	>1:384,000	SAS	2mg/ml
	6	Anti-serum		25 ml	>1:384,000	SAS	2mg/ml
3		peptide, 2.3 mg, 93.26% C-PNASAKKDKNQPP					
	1	Pre-immune sera	1	2 ml			
	2	Anti-serum		25 ml	>1:384,000	SAS	2mg/ml
	3	Anti-serum		25 ml	>1:384,000	SAS	2mg/ml
	4	Pre-immune sera	2	2 ml			
	5	Anti-serum		25 ml	>1:384,000	SAS	2mg/ml
	6	Anti-serum		25 ml	>1:384,000	SAS	2mg/ml

**Formulation:** Lyophilized powder.

### **SAS Purification Procedure**

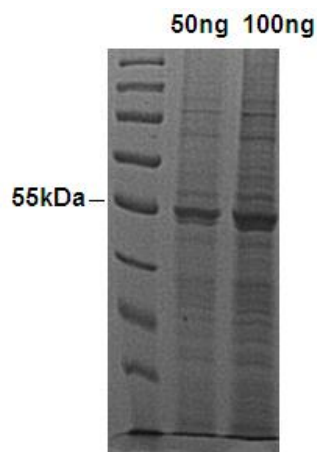
- 1 Ammonium sulfate precipitation (50% saturation)
- 2 Dialysis dialysis buffer: 0.5 x PBS (pH 7.4)
- 3 freeze drying
- 4 Add Pure H<sub>2</sub>O to the original volume to dissolve the powders.

**Determination of antibody concentration:** BCA protein assays (PIERCE 23227)

**Storage:** Antibody stock solutions (e.g., 1-5 mg/ml) often may be stored at 4 °C for days to weeks without significant loss in activity. For increased stability, glycerol or ethylene glycol may be added to a final concentration of 50% and the antibody stored at -20 °C. Alternatively, the antibody solution may be stored in small working aliquots at -20 °C to avoid repeated freeze-thaw cycles.

### **Reconstitution of Sample**

Marker: Pierce, PageRuler Prestained Protein Ladder

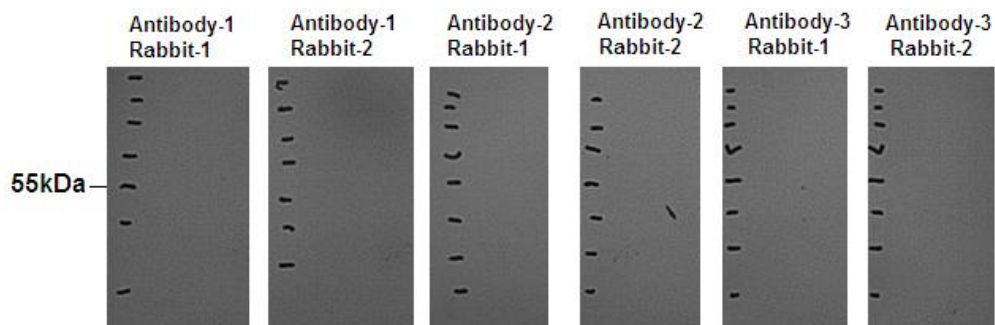


## Result of Western Blot

### Pre-immune sera

Diluent fold of primary antibody: **1:2000**

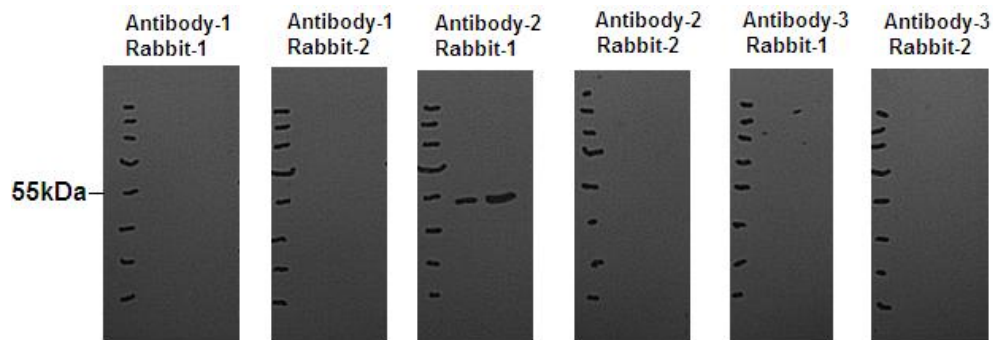
Diluent fold of secondary antibody: **1:5000**



### Anti-serum

Diluent fold of primary antibody: **1:2000**

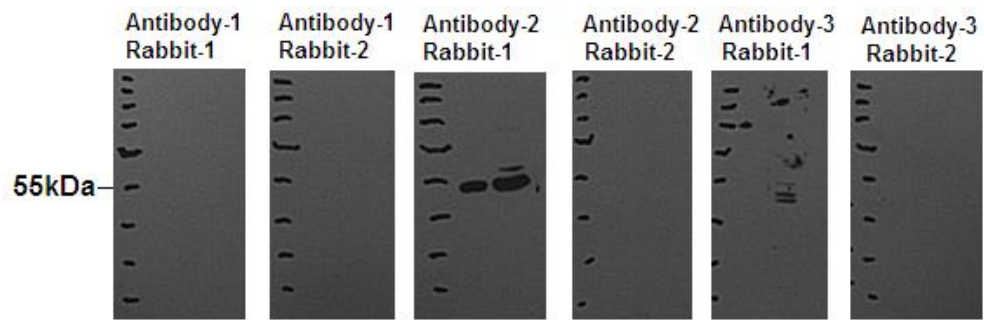
Diluent fold of secondary antibody: **1:5000**



Diluent fold of primary antibody: **1:1000**

Diluent fold of secondary antibody: **1:5000**

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Recommend use of antibody: **1:2000**