

For Research Use Only

# SCLY Polyclonal antibody

Catalog Number: 10667-1-AP



## Basic Information

<b>Catalog Number:</b> 10667-1-AP	<b>GenBank Accession Number:</b> BC007891	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 550 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51540	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> selenocysteine lyase	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 49 kDa	
<b>Immunogen Catalog Number:</b> AG0972	<b>Observed MW:</b> 48 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293T cells, mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

Selenocysteine lyase (SCLY or SCL) catalyzes the decomposition of L-selenocysteine to L-alanine and elemental selenium. This protein expresses in all mouse tissues examined, with the highest expression in liver, kidney, and testis. Mouse SclY localized to the cytosolic fraction in mouse liver and formed homodimers (PMID:10692412). This antibody detects the N-terminal of the protein.

## Storage

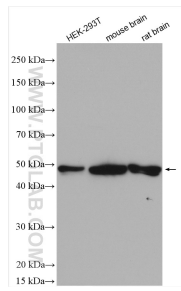
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10667-1-AP (SCLY antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.