

For Research Use Only

# SEPHS2 Recombinant antibody, PBS Only

Catalog Number: 86443-1-PBS



## Basic Information

Catalog Number:	86443-1-PBS	GenBank Accession Number:	BC016643
Concentration:	1 mg/ml	GenID (NCBI):	22928
Source:	Rabbit	UNIPROT ID:	Q99611
Isotype:	IgG	Full Name:	selenophosphate synthetase 2
Immunogen Catalog Number:	AG5255	Calculated MW:	47 kDa
		Observed MW:	47-50 kDa

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

human, mouse, rat

## Background Information

SEPHS2 (Selenophosphate synthetase 2), a selenophosphate synthetase, catalyzes the conversion of selenite and adenosine triphosphate (ATP) into selenophosphate. SEPHS2 is the rate-limiting enzyme that converts selenite to selenocysteine, a key substance in the synthesis of many selenium proteins such as glutathione peroxidase, thioredoxin reductase, and formate dehydrogenase (PMID: 40750759, 31695102).

## Storage

### Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

### Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

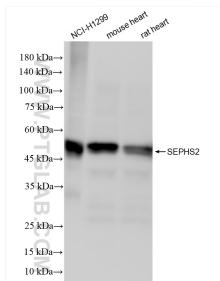
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86443-1-RR (SEPHS2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86443-1-PBS in a different storage buffer formulation.