

For Research Use Only

# SEPHS2 Polyclonal antibody

Catalog Number: 14109-1-AP

5 Publications



## Basic Information

### Catalog Number:

14109-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5255

### GenBank Accession Number:

BC016643

### GeneID (NCBI):

22928

### UNIPROT ID:

Q99611

### Full Name:

selenophosphate synthetase 2

### Calculated MW:

47 kDa

### Observed MW:

47-50 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB** : NCI-H1299 cells, mouse pancreas tissue, mouse adipose tissue, rat liver tissue

**IHC** : human breast cancer tissue, human liver cancer tissue, mouse pancreas tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Junya Ito	39547222	Mol Cell	WB
Tobias Ackermann	39433871	EMBO Mol Med	WB
Hiroaki Fujita	38867112	Nat Struct Mol Biol	WB

## 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

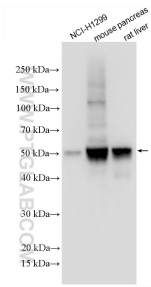
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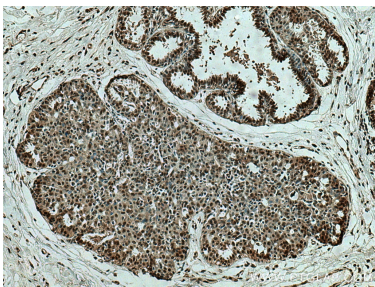
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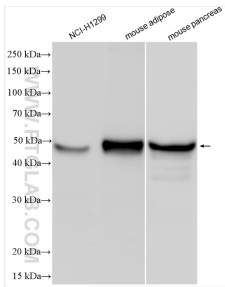
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14109-1-AP (SEPHS2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14109-1-AP (SEPHS2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 14109-1-AP (SEPHS2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.