

For Research Use Only

# Serpina3k Polyclonal antibody

Catalog Number: 55480-1-AP

9 Publications



## Basic Information

### Catalog Number:

55480-1-AP

### Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 667 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_011458

### GeneID (NCBI):

20714

### UNIPROT ID:

P07759

### Full Name:

serine (or cysteine) peptidase inhibitor, clade A, member 3K

### Calculated MW:

47 kDa

### Observed MW:

50-60 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

mouse

### Cited Species:

human, mouse, rat

### Positive Controls:

WB : mouse heart tissue,

IHC : mouse liver tissue,

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

## Notable Publications

Author	Pubmed ID	Journal	Application
Yao Jing	31803133	Front Neurol	WB
Yaochen Cao	35635602	Cell Biol Toxicol	WB
Andrea Sánchez-Navarro	34291592	Physiol Rep	WB

## Storage

### Storage:

Store at -20°C.

### 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

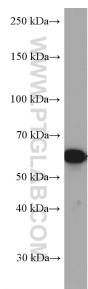
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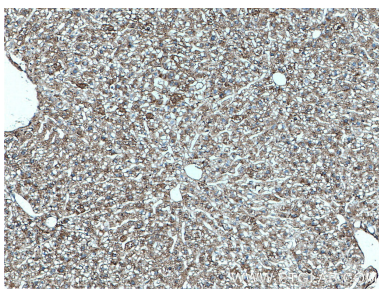
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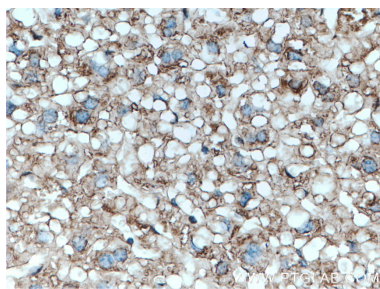
## Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 55480-1-AP (Serpina3k antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 55480-1-AP (Serpina3k antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 55480-1-AP (Serpina3k antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).