

For Research Use Only

Serpina3k Polyclonal antibody

Catalog Number: 55480-1-AP **8 Publications**



Basic Information

Catalog Number: 55480-1-AP	GenBank Accession Number: NM_011458	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 700 µg/ml by Nanodrop and 667 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 20714	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: serine (or cysteine) peptidase inhibitor, clade A, member 3K	
Isotype: IgG	Calculated MW: 47 kDa	
	Observed MW: 50-60 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, WB	WB: mouse heart tissue, IHC: mouse liver tissue,
Species Specificity: mouse	
Cited Species: human, mouse, rat	

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

Background Information

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

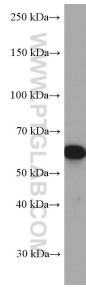
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

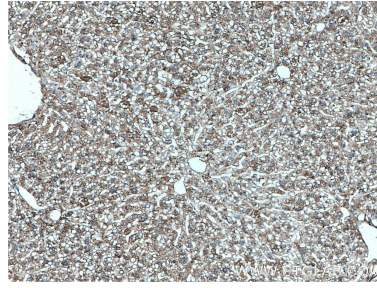
For technical support and original validation data for this product please contact:
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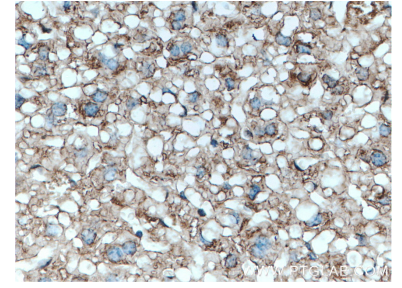
Selected Validation Data



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).