

For Research Use Only

SERPINB9 Polyclonal antibody

Catalog Number: 14910-1-AP **1 Publications**



Basic Information

Catalog Number: 14910-1-AP	GenBank Accession Number: BC002538	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop and 307 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5272	Recommended Dilutions: WB 1:1000-1:3000
Source: Rabbit	UNIPROT ID: P50453	
Isotype: IgG	Full Name: serpin peptidase inhibitor, clade B (ovalbumin), member 9	
Immunogen Catalog Number: AG6707	Calculated MW: 42 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, Human placenta tissue
Cited Applications: IHC	
Species Specificity: human	
Cited Species: human	

Background Information

SERPINB9, also named as PI-9, belongs to the serpin family. SERPINB9 is an intracellular inhibitor of granzyme B (grB) that protects cytotoxic lymphocytes from grB-mediated death. It has a nucleo-cytoplasmic distribution and is produced in CD8+ T cells and natural killer cells (PMID: 28024184). Also, SERPINB9 is expressed by vascular SMCs and endothelial cells to avoid GZB-induced apoptosis (PMID: 28743062). The molecular weight of SERPINB9 is 42 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Yue Fang	39559399	J Inflamm Res	IHC

Storage

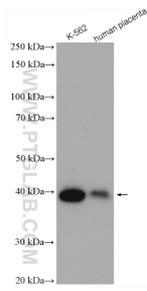
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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W: ptglab.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 14910-1-AP (SERPINB9 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.