

For Research Use Only

SERPINB9 Polyclonal antibody

Catalog Number: 14910-1-AP



Basic Information

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

Applications

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

Storage

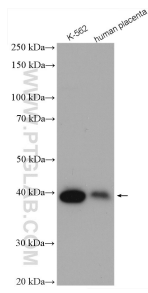
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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) E: proteintech@ptglab.com W: ptglab.com

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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.