

For Research Use Only

SERPINB9 Polyclonal antibody

Catalog Number: 14910-1-AP



Basic Information

Catalog Number:

14910-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6707

GenBank Accession Number:

BC002538

GeneID (NCBI):

5272

UNIPROT ID:

P50453

Full Name:

serpin peptidase inhibitor, clade B (ovalbumin), member 9

Calculated MW:

42 kDa

Observed MW:

42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : K-562 cells, Human placenta tissue

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

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

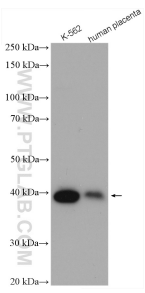
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.