

For Research Use Only

Serpin A12/Vaspin Recombinant antibody

Catalog Number: 85908-5-RR



Basic Information

Catalog Number: 85908-5-RR	GenBank Accession Number: NM_001304461.1	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 145264	CloneNo.: 250315H1
Source: Rabbit	UNIPROT ID: Q8IW75	Recommended Dilutions: WB: 1:200-1:500
Isotype: IgG	Full Name: serpin peptidase inhibitor, clade A (alpha-1 antitrypsin), member 12	
Immunogen Catalog Number: EG2842	Calculated MW: 47 kDa	
	Observed MW: 47-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human adipose tissue,
Species Specificity: human	

Background Information

SERPINA12 is also named as Serpin A12 and Visceral adipose tissue-derived serine protease inhibitor (Vaspin). Vaspin is an adipokine belonging to the serpin family, thus also named SERPINA12, with targets in kallikrein 7 and 14 that participates in skin desquamation (PMID: 34359881). Vaspin is a compensatory molecule in obesity and insulin resistance (PMID: 18321232). Vaspin is a newly described adipokine with an insulin sensitizing effect and inhibitory impact on food intake (PMID: 16030142, PMID: 21465327).

Storage

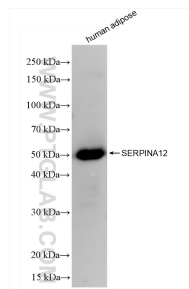
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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
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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



Human adipose tissue was subjected to SDS PAGE followed by western blot with 85908-5-RR (SERPINA12/Vaspin antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.