

For Research Use Only

Serpin A12/Vaspin Monoclonal antibody

Catalog Number: 67573-1-Ig



Basic Information

Catalog Number: 67573-1-Ig	GenBank Accession Number: BC040857	Purification Method: Protein G purification
Size: 150ul , Concentration: 2200 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 145264	CloneNo.: 2A1B6
Source: Mouse	UNIPROT ID: Q8IW75	Recommended Dilutions: WB 1:2000-1:10000 IF/ICC 1:400-1:1600
Isotype: IgG1	Full Name: serpin peptidase inhibitor, clade A (alpha-1 antitrypsin), member 12	
Immunogen Catalog Number: AG30136	Calculated MW: 414 aa, 47 kDa	
	Observed MW: 47 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : human adipose tissue, human placenta tissue IF/ICC : HeLa cells,

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

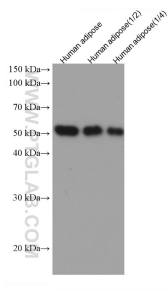
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

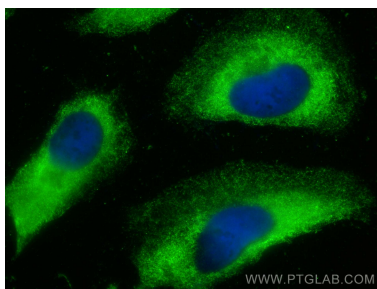
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Human adipose tissue were subjected to SDS PAGE followed by western blot with 67573-1-Ig (Vaspin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Vaspin antibody (67573-1-Ig, Clone: 2A1B6) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1).