

For Research Use Only

Serpin A12/Vaspin Recombinant antibody

Catalog Number: 85908-5-RR



Basic Information

Catalog Number:

85908-5-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2842

GenBank Accession Number:

NM_001304461.1

GeneID (NCBI):

145264

UNIPROT ID:

Q8IW75

Full Name:

serpin peptidase inhibitor, clade A
(alpha-1 antitrypsin, member 12)

Calculated MW:

47 kDa

Observed MW:

47-50 kDa

Purification Method:

Protein A purification

CloneNo.:

250315H1

Recommended Dilutions:

WB: 1:200-1:500

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human adipose tissue,

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

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

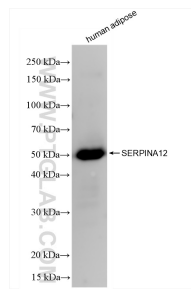
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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.