

For Research Use Only

SERPINA12/Vaspin Polyclonal antibody

Catalog Number: 17451-1-AP

1 Publications



Basic Information

| | | |
|--|---|--|
| Catalog Number: 17451-1-AP | GenBank Accession Number: BC040857 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 300 ug/ml by Nanodrop and 220 ug/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 145264 | Recommended Dilutions: WB 1:500-1:2000 |
| Source: Rabbit | UNIPROT ID: Q8IW75 | |
| Isotype: IgG | Full Name: serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12 | |
| Immunogen Catalog Number: AG11574 | Calculated MW: 414 aa, 47 kDa | |
| | Observed MW: 47-50 kDa | |

Applications

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|--|---|
| Tested Applications: WB, ELISA | Positive Controls: WB : human adipose tissue, |
| Cited Applications: WB | |
| Species Specificity: human | |
| Cited Species: mouse, rat | |

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).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|----------------------------|-------------|
| Feihong Yang | 29730286 | Biochem Biophys Res Commun | WB |

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

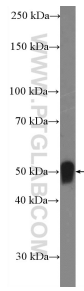
For technical support and original validation data for this product please contact:

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Selected Validation Data



human adipose tissue were subjected to SDS PAGE followed by western blot with 17451-1-AP (SERPINA12 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.