



Goat anti-SERPINA12 Antibody

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| Item Number | dAP-1407 |
| Target Molecule | Principle Name: SERPINA12; Official Symbol: SERPINA12 ; All Names and Symbols: SERPINA12 ; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12 ; OL-64; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12; vaspin; visceral adipose-specific SERPIN; Accession Number (s): NP_776249.1; Human Gene ID(s): 145264; Non-Human GeneID (s): |
| Immunogen | RARWKHEFDPNVTK, is from internal region |
| Applications | Pep ELISA, WB Species Tested: Human |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 32000. |
| Western Blot | Western Blot: Approx 48kDa band observed in Human Adipose lysates (calculated MW of 47.2kDa according to NP_776249.1). Recommended concentration: 0.3-1µg/ml. |
| IHC | |
| Reference | Reference(s): Klötting N, Berndt J, Kralisch S, Kovacs P, Fasshauer M, Schön MR, Stumvoll M, Blüher M. Vaspin gene expression in human adipose tissue: association with obesity and type 2 diabetes. Biochem Biophys Res Commun. 2006 Jan 6;339(1):430-6. Epub 2005 Nov 15..PMID: 16298335 -> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**