

Goat anti-SERPINF1 / PEDF Antibody

Item Number	dAP-3180
Target Molecule	Principle Name: SERPINF1 / PEDF; Official Symbol: SERPINF1; All Names and Symbols: SERPINF1; EPC-1; PEDF; PIG35; serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1; pigment epithelium-derived factor; proliferation-inducing protein 35; serine (or cysteine) proteinase inhibitor, clade F ; Accession Number (s): NP_002606.3; Human Gene ID(s): 5176; Non-Human GeneID(s):
Immunogen	KITGKPIKLTQVEHR, 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 128000.
Western Blot	Western Blot: Approx 48kDa band observed in Human Albumin-depleted Serum and Plasma lysates (calculated MW of 46.3kDa according to NP_002606.3). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Fitzgerald DP et al. pposing effects of pigment epithelium-derived factor on breast cancer cell versus neuronal survival: implication for brain metastasis and metastasis-induced brain damage. Cancer Res. 2012 Jan 1;72(1):144-53..PMID: 22215693->

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**