



Goat anti-Neuroserpin Antibody

Item Number	dAP-0650
Target Molecule	Principle Name: Neuroserpin; Official Symbol: SERPIN1; All Names and Symbols: SERPIN1; neuroserpin; PI12; serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 1; protease inhibitor 12 (neuroserpin); serpin peptidase inhibitor, clade I (neuroserpin), member 1; DKFZp781N13156; Accession Number (s): NP_005016.1; Human Gene ID(s): 5274; Non-Human GeneID(s):
Immunogen	TMNTSGHDFEEL, is from C Terminus Reported variants represent identical protein (NP_005016.1; NP_001116224.1).
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 Brain lysate (calculated MW of 46.4kDa according to NP_005016.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Onda M, Belorgey D, Sharp LK, Lomas DA. Latent Ser49Pro neuroserpin forms polymers in the dementia familial encephalopathy with neuroserpin inclusion bodies. J Biol Chem. 2005 Jan 21; [Epub ahead of print] .PMID: 15664988 ->

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**