

Goat anti-neuronal pentraxin 1 Antibody

Item Number	dAP-2959
Target Molecule	Principle Name: neuronal pentraxin 1; Official Symbol: NPTX1; All Names and Symbols: NPTX1; neuronal pentraxin I; NP1; NP-I; neuronal pentraxin-1; Accession Number (s): NP_002513.2; Human Gene ID(s): 4884; Non-Human GeneID(s):
Immunogen	ERVKIETALTSQHQR, 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 50kDa band observed in Human Brain (Amygdala and Frontal Cortex) lysates (calculated MW of 47.1kDa according to NP_002513.2). Recommended concentration: 1-3µg/ml. Additional bands of unknown identity was also consistently observed a
IHC	
Reference	Reference(s): Abad MA, Enguita M, DeGregorio-Rocasolano N, Ferrer I, Trullas R. Neuronal pentraxin 1 contributes to the neuronal damage evoked by amyloid-beta and is overexpressed in dystrophic neurites in Alzheimer's brain. J Neurosci. 2006 Dec 6;26(49):12735-47..PMID: 17151277->

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**