

Goat anti-Neurobeachin Antibody

Item Number	dAP-0995
Target Molecule	Principle Name: Neurobeachin; Official Symbol: NBEA; All Names and Symbols: NBEA; neurobeachin; RP11-270C18.1; BCL8B; FLJ10197; KIAA1544; LYST2; lysosomal trafficking regulator; lysosomal trafficking regulator 2; Accession Number (s): NP_056493.3; NP_001191126.1; Human Gene ID(s): 26960; Non-Human GenID(s): 26422 (mouse)
Immunogen	DFNRWHYEHQNRY, is from C Terminus This antibody is expected to recognise isoform 1 (NP_056493.3) and isoform 2 (NP_001191126.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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 4000.
Western Blot	Western Blot: Approx 300kDa band observed in lysates of transfected HEK293 and endogenously in lysates of insulinoma cell line B-TC3 (calculated MW of 327kDa according to NP_056493.3). Data from a previous goat. Data kindly provided by Professor John C
IHC	Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows textured cytoplasm staining in the neuronal cell bodies. Recommended concentration: 5-10µg/ml.
Reference	Reference(s): Wang X, Herberg FW, Laue MM, Wullner C, Hu B, Petrasch-Parwez E, Kilimann MW. Neurobeachin: A protein kinase A-anchoring, beige/Chediak-higashi protein homolog implicated in neuronal membrane traffic. <i>J Neurosci</i> 2000 Dec 1;20(23):8551-65. PMID: 11102458->

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 end users! This product is sold for **Research Use Only**