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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06147 - Goat Anti-Neurobeachin Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NBEA, neurobeachin, RP11-270C18.1, BCL8B, FLJ10197, KIAA1544, LYST2, lysosomal trafficking regulator, lysosomal trafficking regulator 2

Official Symbol: NBEA

Accession Number(s): NP_056493.3; NP_001191126.1

Human GeneID(s): [26960](#)

Non-Human GeneID(s): 26422 (mouse)

Important Comments: This antibody is expected to recognise isoform 1 (NP_056493.3) and isoform 2 (NP_001191126.1).

Immunogen

Peptide with sequence C-DFNRWHYEHQNRV, from the C Terminus of the protein sequence according to NP_056493.3; NP_001191126.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:4000.

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 Creemers, K.U. Leuven, Belgium. Recommended concentration: 1-3µg/ml.

IHC: In paraffin embedded Human Cerebral Cortex shows textured cytoplasm staining in the neuronal cell bodies. Recommended concentration: 5-10µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Dog, Cow

EB06147 (1µg/ml) staining of 1) untransfected HEK293T cells 2) HEK293T cells transfected with mouse NBEA.
Detected by chemiluminescence. Data kindly provided by Professor John Creemers, K.U. Leuven, Belgium

EB06147 (5µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate
buffer pH 6, AP-staining.