MBS420196 - 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-DFNRWHYEHQNRY, 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

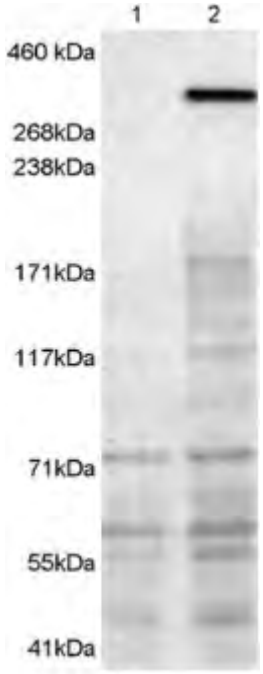
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

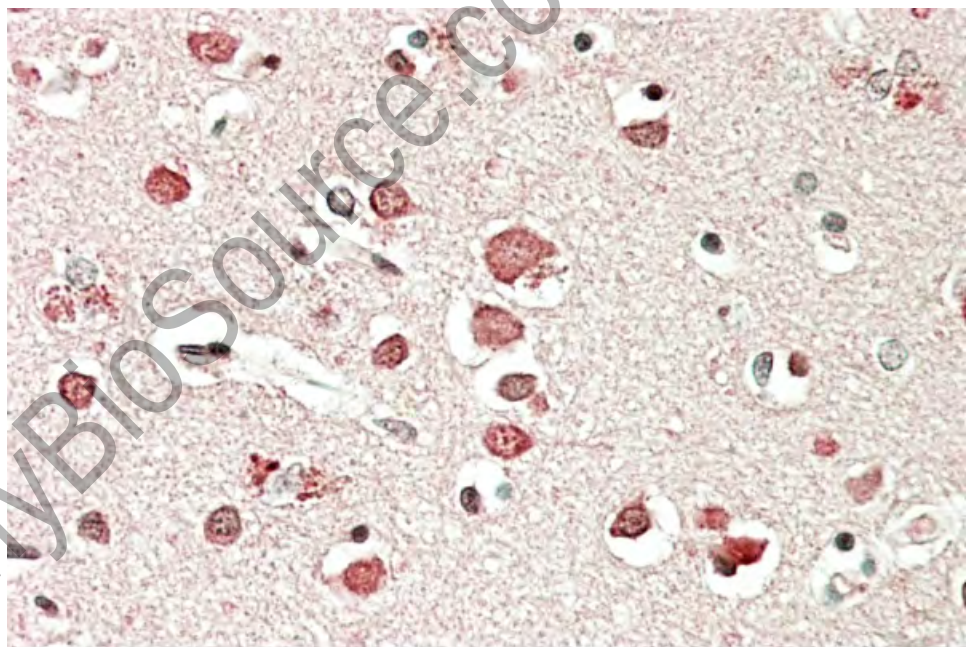
Peptide ELISA: antibody detection limit dilution 1:4000.
Western blot: Approx 300kDa band observed in lysates of transfected HEK293 and endogenously in lysates of insulinoma cell line B-TC3 (calculated MW of 327kDa according to NP_056493.3). Data from a previous goat. Data kindly provided by Professor 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



MBS420196 (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



MBS420196 (5µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

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