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Research Use Only. Not for diagnostic or therapeutic use.

EB12221 - Goat Anti-neuronal pentraxin 1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NPTX1, neuronal pentraxin I, NP1, NP-I, neuronal pentraxin-1

Official Symbol: NPTX1

Accession Number(s): NP_002513.2

Human GeneID(s): 4884

Immunogen

Peptide with sequence C-ERVKIETALTSLHQR, from the internal region of the protein sequence according to NP_002513.2.

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 1:128000.

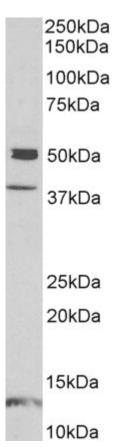
Western blot: Approx 50kDa band observed in Human Brain (Amygdala and Frontal Cortex) lysates (calculated MW of 47.1kDa according to NP_002513.2). Recommended concentration: 1-3μg/ml. Primary incubation was 1 hour. Additional bands of unknown identity was also consistently observed at 38 and 14kDa. These bands were successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 5µg/ml.

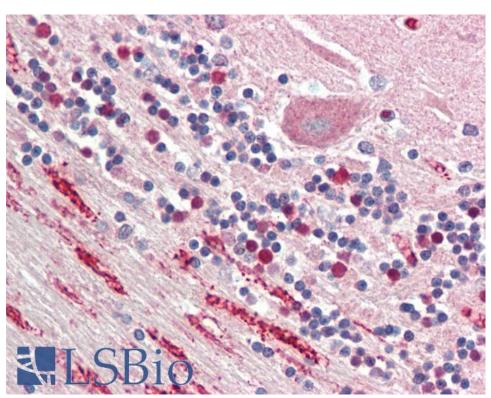
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12221 (1µg/ml) staining of Human Frontal Cortex lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB12221 (5µg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.