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Research Use Only. Not for diagnostic or therapeutic use.

EB11530 - Goat Anti-NUMBL Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CAG3A, CTG3a, NBL, numb homolog (Drosophila)-like, numb homolog-like, NUMBL, NUMBLIKE, numb-like protein, NUMBR, NUMB-R, numb-related

protein, TNRC23

Official Symbol: NUMBL

Accession Number(s): NP_004747.1

Human GeneID(s): 9253

Non-Human GenelD(s): 18223 (mouse), 292732 (rat)

Immunogen

Peptide with sequence C-PAQPGHVSPTPAT, from the internal region of the protein sequence according to NP_004747.1.

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 1:16000.

Western blot: Approx 75kDa band observed in Mouse fetal Brain lysates (calculated MW of 64.1kDa according to Mouse NP_035080.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Tao et al, Mol Biol Cell. 2012 Jul;23(14):2635-44.PMID: 22593207). Recommended concentration: 0.03-0.1μg/ml.

IHC: In paraffin embedded fetal Mouse Brain shows staining of lobes and fibres in the optic disc (first figure) and nervous fibres from the spinal metameric roots (second figure). Recommended concentration, 4-6µg/ml.

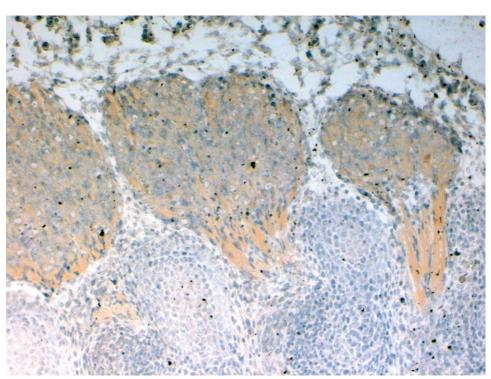
Species Reactivity

Tested: Mouse

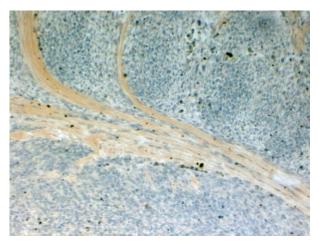
Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB11530 (0.1μg/ml) staining of fetal Mouse Brain lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11530 (4µg/ml) staining of paraffin embedded fetal Mouse Brain. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



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