

## UK Office

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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 GeneID(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.

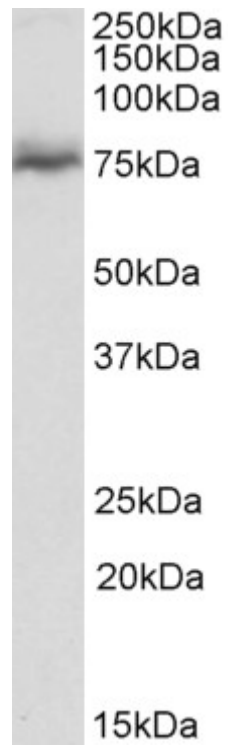
**Western blot:** Approx 75kDa band observed in Mouse fetal Brain lysates (calculated MW of 64.1kDa according to Mouse NP\_035080.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Tao et al, Mol Biol Cell. 2012 Jul;23(14):2635-44.PMID: 22593207). 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.

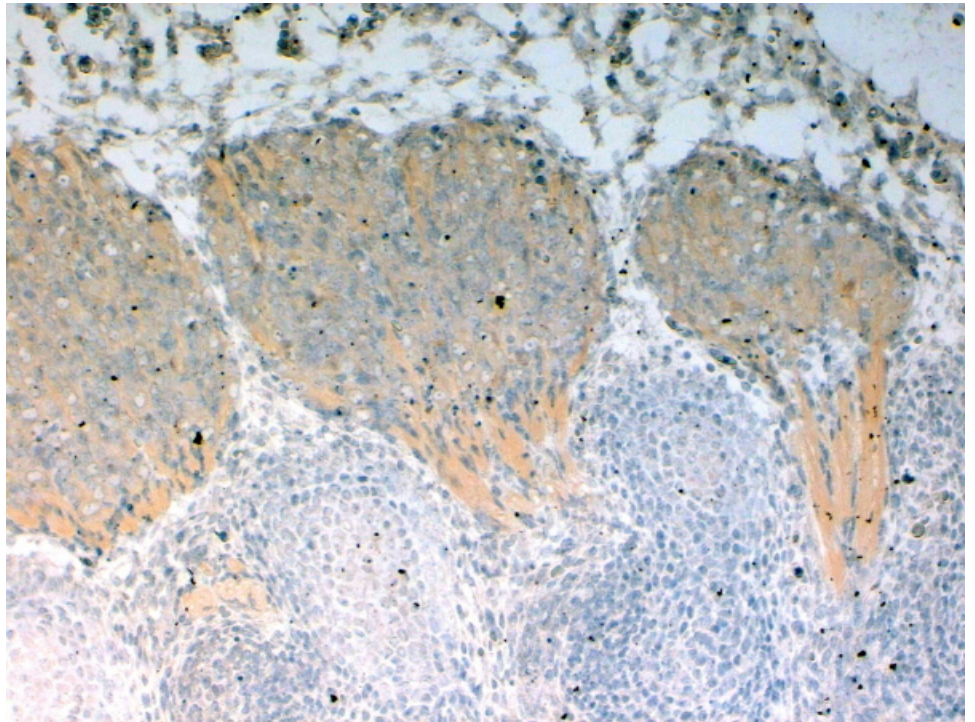
### Species Reactivity

**Tested:** Mouse

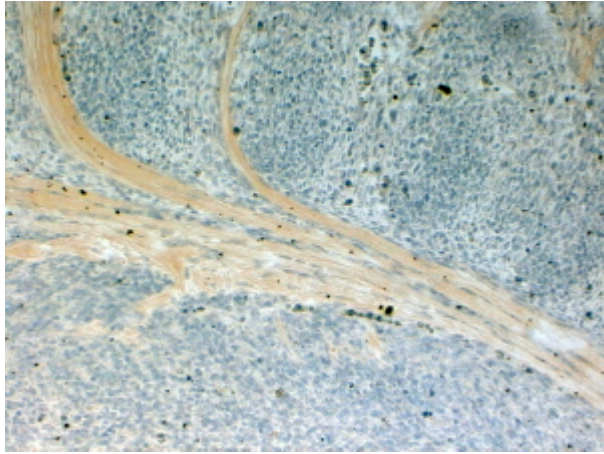
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



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



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



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