

## UK Office

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

## EB05296 - Goat Anti-NUMB Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NUMB, numb homolog (Drosophila), S171, numb homolog

**Official Symbol:** NUMB

**Accession Number(s):** NP\_001005743.1; 001005744.1; NP\_003735; NP\_001005745.1

**Human GeneID(s):** [8650](#)

**Non-Human GeneID(s):** 18222 (mouse)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_001005743.1, 001005744.1, NP\_003735, NP\_001005745.1). It is also likely to cross-react with Numlike (NUMBL, GeneID: 9253) which has a very similar C-Terminus, although this has not yet been tested experimentally.

### Immunogen

Peptide with sequence C-PFSSDLQKTFEIEL, from the C Terminus of the protein sequence according to NP\_001005743.1; 001005744.1; NP\_003735; NP\_001005745.1.

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 1:128000.

**Western blot:** Approx 80Da band observed in Mouse and Rat Brain lysates (calculated MW of 70.8kDa according to NP\_001005743.1). Recommended concentration: 0.01-0.03µg/ml.

**Immunocytochemistry:** This antibody has been successfully used in Mouse Embryonic brain tissue and in Human keratinocytes. **Immunoprecipitation:** A customer found positive results in IP on Mouse Brain.

### Species Reactivity

**Tested:** Human, Mouse, Rat

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

EB05296 (0.01µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.