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

EB05296-T - Goat Anti-NUMB Antibody - Trial

Size: 20µg specific antibody in 40µl



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.