

Goat anti-NUMB Antibody

Item Number dAP-0155

Target Molecule Principle Name: NUMB; Official Symbol: NUMB; All Names and Symbols: NUMB; numb homolog (Drosophila); S171; numb homolog; Accession Number (s): NP_001005743.1; 001005744.1; NP_003735; NP_001005745.1; Human Gene ID(s): 8650; Non-Human GeneID(s): 18222 (mouse)

Immunogen PFSSDLQKTFEIEL, is from C Terminus
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 Numblike (NUMBL, GeneID: 9253) which has a very

Applications Pep ELISA, WB, ICC, IP

Species Tested: Human, Mouse, Rat

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 128000.

Western Blot 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.

IHC

Reference Reference(s): Zhong W, Feder JN, Jiang MM, Jan LY, Jan YN. Asymmetric localization of a mammalian numb homolog during mouse cortical neurogenesis. *Neuron*. 1996 Jul;17(1):43-53.. PMID: 8755477->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**