

Goat anti-GRB2 Antibody

Item Number	dAP-0055
Target Molecule	Principle Name: GRB2; Official Symbol: GRB2; All Names and Symbols: GRB2; growth factor receptor-bound protein 2; ASH; ASH protein; EGFRBP-GRB2; Grb3-3; MST084; MSTP084; HT027; abundant SRC homology; epidermal growth factor receptor-binding protein GRB2; growth factor receptor-bound protein 3; NCKAP2; OTTHUMP00000166096; ; Accession Number (s): NP_002077.1; NP_987102.1; Human Gene ID(s): 2885; Non-Human GeneID(s): 14784 (mouse) 81504 (rat)
Immunogen	PRNYVTPVNRNV, is from C Terminus This antibody is expected to recognize both reported isoforms (NP_002077.1 and NP_987102.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse, Rat, Pig
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 32000.
Western Blot	Western Blot: Approx 26kDa band observed in lysates of cell line MOLT4, of Human Thymus and of Human, Mouse, Rat, Pig Brain and Spleen lysates (calculated MW of 25.2kDa according to Human NP_002077.1 and according to Rat NP_110473.2). Recommended for use
IHC	Immunohistochemistry: In paraffin embedded Human Lymph Node shows nuclear staining in some cells inside the germinal centre. Recommended concentration: 1-2µg/ml.
Reference	Reference(s): Lowenstein EJ, Daly RJ, Batzer AG, Li W, Margolis B, Lammers R, Ullrich A, Skolnik EY, Bar-Sagi D, Schlessinger J. The SH2 and SH3 domain-containing protein GRB2 links receptor tyrosine kinases to ras signaling. Cell. 1992 Aug 7;70(3):431-42..PMID: 1322798->

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**