ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-GRB2, biotinylated Antibody

Item Number	dAP-3295
Target Molecule	Principle Name: GRB2, biotinylated; Official Symbol: GRB2; All Names and Symbols: GRB2; growth factor receptor-bound protein 2; ASH; EGFRBP-GRB2; Grb3-3; MST084; MSTP084; NCKAP2; HT027; SH2/SH3 adapter GRB2; abundant SRC homology; epidermal growth factor receptor-binding protein GRB2; growth factor receptor-bound protein 3; protein Ash; 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_002077.1and NP_987102.1).
Applications	Pep ELISA, WB 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; Reconsititute 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 Human Thymus and of cell line MOLT4 (calculated MW of 25.2kDa according to NP_002077.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.
IHC	
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 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

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