

## 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 GenelD(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 end users! This product is sold for **Research Use Only**