

Goat anti-GRAP2 / GRID / Grf40 Antibody

Item Number	dAP-0086
Target Molecule	Principle Name: GRAP2 / GRID / Grf40; Official Symbol: GRAP2; All Names and Symbols: GRAP2; GRID; P38; GADS; GRPL; GrbX; Mona; GRB2L; GRBLG; GRAP-2; GRB2-related adaptor protein 2; GRB-2-like protein; SH3-SH2-SH3 adaptor molecule; growth factor receptor-binding protein; GRB2-related protein with insert domain; hematopoietic cell-associate; Accession Number (s): NP_004801.1; Human Gene ID(s): 9402; Non-Human GeneID(s): 17444 (mouse)
Immunogen	GLFPANYVAPMTR, is from C Terminus
Applications	Pep ELISA, WB Species Tested: Human
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 38kDa band observed lysates of cell line Jurkat (calculated MW of 37.9kDa according to NP_004801.1). In transfected HEK293 transiently expressing GRAP2 a band of approx. 40kDa is observed. This band is not observed in the non-transfected.
IHC	
Reference	Reference(s): Qiu M, Hua S, Agrawal M, Li G, Cai J, Chan E, Zhou H, Luo Y, Liu M. Molecular cloning and expression of human grap-2, a novel leukocyte-specific SH2- and SH3-containing adaptor-like protein that binds to gab-1. Biochem Biophys Res Commun. 1998 Dec 18;253(2):443-7..PMID: 9878555->

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**