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Research Use Only. Not for diagnostic or therapeutic use.

EB05113 - Goat Anti-GRAP2 / GRID / Grf40 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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-associated adaptor protein GRPL, growth factor receptor-bound protein 2-related adaptor protein 2, RP3-370M22.1, Grf40, Mona

Official Symbol: GRAP2

Accession Number(s): NP_004801.1

Human GeneID(s): 9402

Non-Human GenelD(s): 17444 (mouse)

Immunogen

Peptide with sequence C-GLFPANYVAPMTR, from the C Terminus of the protein sequence according to NP_004801.1.

Please note the peptide is available for sale.

Purification and Storage

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

Supplied at 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.

Applications Tested

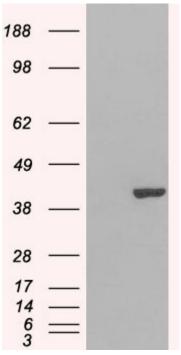
Peptide ELISA: antibody detection limit dilution 1:32000.

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 HEK293. Recommended concentration: 1-3µg/ml.

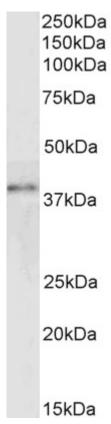
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



HEK293 overexpressing GRAP2 (RC206546) and probed with EB05113 (mock transfection in first lane), tested by Origene.



EB05113 (0.3 μ g/ml) staining of Jurkat lysate (30 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.