

Datasheet for ABIN184603
anti-GRAP2 antibody (C-Term)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GRAP2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GRAP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	GRAP2 / GRID / Grf40
Immunogen:	Peptide with sequence C-GLFPANYVAPMTR, from the C Terminus of the protein sequence according to NP_004801.1.
Sequence:	GLFPANYVAP MTR
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

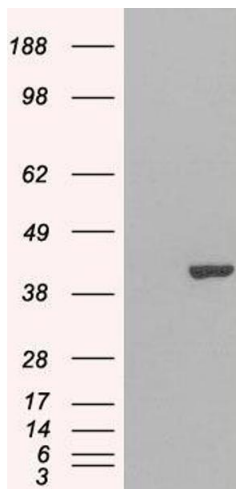
Target:	GRAP2
Alternative Name:	GRAP2 (GRAP2 Products)
Background:	GRAP2, GRID, P38, GADS, GRPL, GrbX, Mona, GRB2L, GRBLG, GRAP-2, GRB2-related adaptor protein 2, GRB-2-like protein, SH3-SH2-SH3 adaptor molecule, growth factor receptor-binding protein, GRB2-related protein with insert domain, hematopoietic cell-associate
Gene ID:	9402, 17444
NCBI Accession:	NP_004801
Pathways:	TCR Signaling , Fc-epsilon Receptor Signaling Pathway

Application Details

Application Notes:	Western Blot: Approx 38 kDa band observed lysates of cell line Jurkat (calculated MW of 37.9 kDa according to NP_004801.1). In transfected HEK293 transiently expressing GRAP2 a band of approx. 40 kDa is observed. This band is not observed in the non-transfe Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

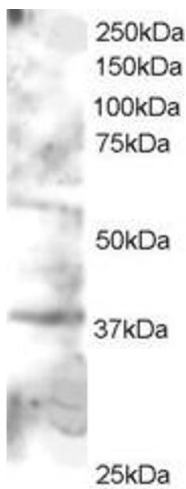
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



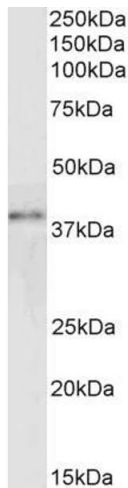
Western Blotting

Image 1. HEK293 overexpressing GRAP2 (ABIN5402754) and probed with ABIN184603 (mock transfection in first lane).



Western Blotting

Image 2. ABIN184603 staining (0.5 µg/ml) of Jurkat lysate (RIPA buffer, 30 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Western Blotting

Image 3. ABIN184603 (0.3 µg/ml) staining of Jurkat lysate (30 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.