

Datasheet for ABIN1531697
anti-GRF2 antibody (pTyr504)



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1 Image

Overview

Quantity:	100 µL
Target:	GRF2 (RAPGEF1)
Binding Specificity:	AA 470-519, pTyr504
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRF2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human RapGEF1 around the phosphorylation site of Tyr504.
Isotype:	IgG
Specificity:	RapGEF1 (Phospho-Tyr504) Antibody detects endogenous levels of RapGEF1 only when phosphorylated at Tyr504. PhosphorylationH:Y504
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

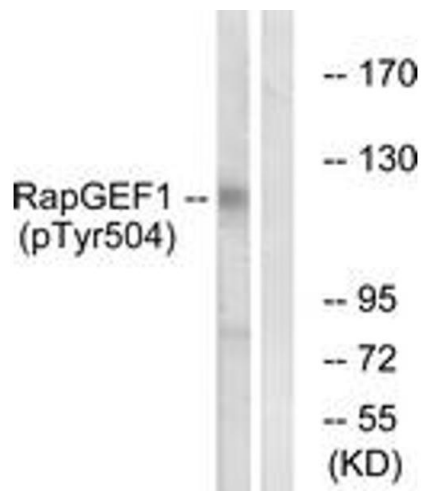
Target:	GRF2 (RAPGEF1)
Alternative Name:	RapGEF1 (RAPGEF1 Products)
Background:	Synonyms: C3G, CRK SH3-binding GNRP, GRF2, RPF1, Rap guanine nucleotide exchange factor 1, guanine nucleotide-releasing factor 2 NCBI Gene Symbol: RAPGEF1
Molecular Weight:	120 kDa
Gene ID:	2889
OMIM:	600303
UniProt:	Q13905
Pathways:	Interferon-gamma Pathway , Neurotrophin Signaling Pathway , Platelet-derived growth Factor Receptor Signaling , Signaling of Hepatocyte Growth Factor Receptor

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:1000
Comment:	Unigene-Number: Hs.127897 (NCBI Gene Symbol: RAPGEF1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells treated with Na3VO4 0.3nM 40', using RapGEF1 (Phospho-Tyr504) Antibody. The lane on the right is treated with the synthesized peptide.