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Datasheet for ABIN2791566
anti-GRAP antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	GRAP
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Dog, Horse, Rabbit, Goat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRAP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human GRAP
Sequence:	SDELAFNKGD TLKILNMEDD QNWKYKAELRG VEGFIPKNYI RVKPHPWYSG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against GRAP. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GRAP
Alternative Name:	GRAP (GRAP Products)

Target Details

Background: This gene encodes a member of the GRB2/Sem5/Drk family and functions as a cytoplasmic signaling protein which contains an SH2 domain flanked by two SH3 domains. The SH2 domain interacts with ligand-activated receptors for stem cell factor and erythropoietin, and facilitates the formation of a stable complex with the BCR-ABL oncoprotein. This protein also associates with the Ras guanine nucleotide exchange factor SOS1 (son of sevenless homolog 1) through its N-terminal SH3 domain. In general, it couples signals from receptor and cytoplasmic tyrosine kinases to the Ras signaling pathway.

Alias Symbols: -

Protein Interaction Partner: TRIM21, RBPMS, UBC, ARHGAP32, KHDRBS1, LAT, SHC1, SOS1, PLCG1, KIT, LCK, FYN, FASLG, EPOR, GAB2,

Protein Size: 217

Molecular Weight: 25 kDa

Gene ID: 10750

NCBI Accession: [NM_006613](#), [NP_006604](#)

UniProt: [Q13588](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

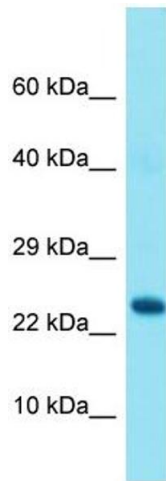
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.