

Rabbit anti-Human RGAP1 Monoclonal Antibody | anti-RACGAP1 antibody

RGAP1 Rabbit mAb

CATALOG # AAA282700	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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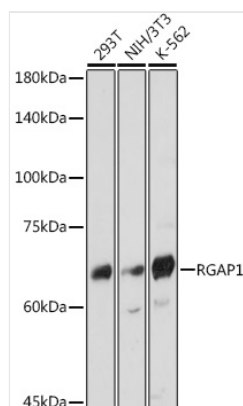
PRODUCT SYNONYMS

RGAP1; Monoclonal Antibody; RGAP1 Rabbit mAb; CYK4; CDAN3B; ID-GAP; HsCYK-4; MgcRacGAP; anti-RACGAP1 antibody

PRODUCT SPECIFICATIONS

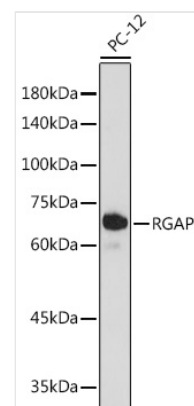
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MDTMMLNVRN LFEQLVRRVE ILSEGNEVQF IQLAKDFEDF RKKWQRTDHE LGKYKDLLMK AETERSALDV KLKHARNQVD VEIKRRQRAE ADCEKLERQI
Applicable Applications for anti-RACGAP1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human RGAP1 (Q9H0H5).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using RGAP1 Rabbit mAb (AAA282700) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of lysates from PC-12 cells, using RGAP1 Rabbit mAb (AAA282700) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-RACGAP1 antibody	This gene encodes a GTPase-activating protein (GAP) that is a compoment of the centralspindlin complex. This protein binds activated forms of Rho GTPases and stimulates GTP hydrolysis, which results in negative regulation of Rho-mediated signals. This protein plays a regulatory role in cytokinesis, cell growth, and differentiation. Alternatively spliced transcript variants have been found for this gene. There is a pseudogene for this gene on chromosome 12.
Product Categories/Family for anti-RACGAP1 antibody	Signal Transduction; G protein signaling; Small G proteins; Cell Biology Developmental Biology; Cell Cycle; Centrosome; Immunology Inflammation; Cytokines; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	186910300
NCBI GeneID	29127
NCBI Accession #	NP_001119575.1
NCBI GenBank Nucleotide #	NM_001126103.1
UniProt Accession #	Q9H0H5; Q6PJ26; Q9NWN2; Q9P250; Q9P2W2
Molecular Weight	Calculated MW: 71kDa Observed MW: 70kDa
UniProt Protein Name	Rac GTPase-activating protein 1
UniProt Gene Name	RACGAP1
UniProt Synonym Gene Names	KIAA1478; MGCRACTGAP; MgcRacGAP; CYK4; HsCYK-4
UniProt Entry Name	RGAP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.