

anti-Human, Mouse GTPase Activating Protein Antibody | anti-RACGAP1 antibody

GTPase Activating Protein (Phospho-Ser387) Antibody

CATALOG # AAA267572	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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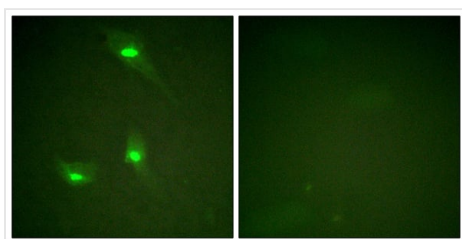
PRODUCT SYNONYMS

GTPase Activating Protein; GTPase Activating Protein (Phospho-Ser387) Antibody; GTPase activating protein; GTPase activating protein ID-GAP; MGCRCAGAP variant alpha; MGCRCAGAP variant beta; RAC GTPase-activating protein 1; RAC GTPase-activating protein; RACGAP1; anti-RACGAP1 antibody

PRODUCT SPECIFICATIONS

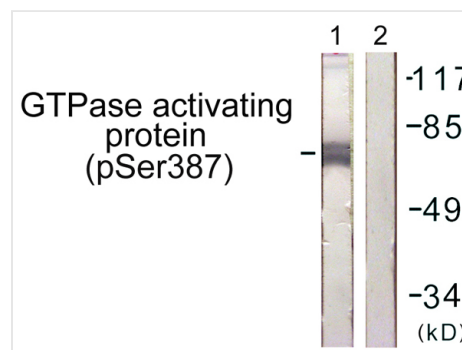
Reactivity	Human, Mouse
Specificity	GTPase Activating Protein (Phospho-Ser387) antibody detects endogenous levels of GTPase Activating Protein only when phosphorylated at serine 387.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	632
Applicable Applications for anti-RACGAP1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human GTPase Activating Protein around the phosphorylation site of serine 387 (R-I-SP-G-C).
All Sites	Human: Ser388 Mouse: Ser388
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



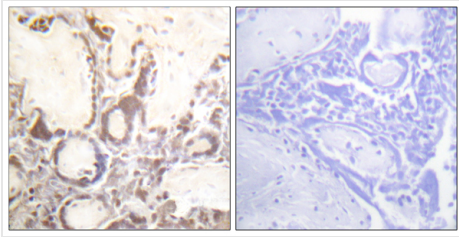
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HeLa cells, using GTPase Activating Protein (Phospho-Ser387) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human placenta tissue using GTPase Activating Protein (Phospho-Ser387) antibody. Western blot analysis of extracts from COS7 cells, using GTPase Activating Protein (Phospho-Ser387) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

References	Kawashima T., Blood 96:2116-2124(2000). Wiemann S., Genome Res. 11:422-435(2001). Ota T., Nat. Genet. 36:40-45(2004). Nagase T., DNA Res. 7:143-150(2000).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	186910300
NCBI GeneID	29127
NCBI Accession #	NP_001119575.1
NCBI GenBank Nucleotide #	NM_001126103.2
UniProt Accession #	Q9H0H5; Q6PJ26; Q9NWN2; Q9P250; Q9P2W2
Molecular Weight	71,027 Da
NCBI Official Full Name	rac GTPase-activating protein 1 isoform a
NCBI Official Synonym Full Names	Rac GTPase activating protein 1
NCBI Official Symbol	RACGAP1
NCBI Official Synonym Symbols	CYK4; ID-GAP; HsCYK-4; MgcRacGAP
NCBI Protein Information	rac GTPase-activating protein 1
UniProt Protein Name	Rac GTPase-activating protein 1
UniProt Gene Name	RACGAP1
UniProt Synonym Gene Names	MgcRacGAP; CYK4; HsCYK-4

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/gtpase-activating-protein/267572>