

Rabbit anti-Human, Mouse RRAGC/RagC Polyclonal Antibody | anti-RRAGC/RagC antibody

Rabbit anti-RRAGC/RagC Antibody, Affinity Purified

CATALOG # AAA212605	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

RRAGC/RagC; Polyclonal Antibody; Rabbit anti-RRAGC/RagC Antibody; Affinity Purified; GTPase-interacting protein 2; GTR2; Rag C; Rag C protein; RAGC; ras-related GTP-binding protein C; TIB929; Ras-related GTP-binding protein C; Ras related GTP binding C; anti-RRAGC/RagC antibody

PRODUCT SPECIFICATIONS

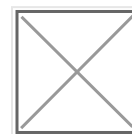
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RRAGC/RagC antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse RRAGC/RagC by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibody: Affinity purified rabbit anti-RRAGC/RagC antibody AAA212605 (lot AAA212605-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human RRAGC/RagC by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-RRAGC/RagC antibody AAA212605 (lot AAA212605-1) used for IP at 6 ug per reaction. RRAGC/RagC was also immunoprecipitated by rabbit anti-RRAGC/RagC antibody For blotting immunoprecipitated RRAGC/RagC, AAA212605 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-RRAGC/RagC antibody	Ras-related GTP-binding protein C (RagC) has guanine nucleotide-binding activity but weak intrinsic GTPase activity. RagC is probably required for the amino acid-induced relocalization of mTORC1 to the lysosomes and its subsequent activation by the GTPase RHEB. This is a crucial step in the activation of the TOR signaling cascade by amino acids [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9HB90].
Product Categories/Family for anti-RRAGC/RagC antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11995472
NCBI GeneID	64121
NCBI Accession #	NP_071440.1
NCBI GenBank Nucleotide #	NM_022157.2
UniProt Accession #	Q9HB90; Q9H202; Q9H8Q8
Molecular Weight	46.7 kDa
NCBI Official Full Name	ras-related GTP-binding protein C isoform 1
NCBI Official Synonym Full Names	Ras-related GTP binding C
NCBI Official Symbol	RRAGC
NCBI Official Synonym Symbols	GTR2; RAGC; TIB929
NCBI Protein Information	ras-related GTP-binding protein C
UniProt Protein Name	Ras-related GTP-binding protein C
UniProt Gene Name	RRAGC
UniProt Synonym Gene Names	Rag C; RagC
UniProt Entry Name	RRAGC_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rragc-ragc-antibody-immunoprecipitation-western-blot-elisa/212605>