RRAGC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RRAGC, Polyclonal Antibody
Full Product Name	RRAGC
Product Gene Name	anti-RRAGC antibody
Product Synonym Names	GTR2; RAGC; TIB929
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	44KD
Immunogen	Recombinant fragment corresponding to 21-240aa of human RRAGC.
Cellular Localization	Cytoplasm, Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RRAGC antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-RRAGC antibody	ELISA: 1:20,000-80,000 WB: 1:200-1,000
Related Product Information for anti-RRAGC antibody	MBS8560750 is an antibody targeting RRAGC. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens Ras-related GTP binding C (RRAGC),mRNA.
Product References and Citations for anti-RRAGC antibody	Tsun ZY, Bar-Peled L, Chantranupong L, et al. The folliculin tumor suppressor is a GAP for the RagC/D GTPases that signal amino acid levels to mTORC1. Mol Cell. 52 (4):495-505 (2013)
Other Notes	Small volumes of anti-RRAGC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RRAGC. It may not necessarily be applicable to this product.

NCBI GI #	16741747
NCBI GeneID	64121
NCBI Accession #	BC016668
UniProt Related Accession #	Q9HB90
NCBI Official Full Name	Homo sapiens Ras-related GTP binding C, mRNA
NCBI Official Synonym Full Names	Ras related GTP binding C

NCBI Official Symbol	RRAGC
NCBI Official Synonym Symbols	GTR2; RAGC; TIB929
Protein Family	Ras-related GTP-binding protein
NCBI Protein Information	ras-related GTP-binding protein C
NCBI Summary for RRAGC	This gene encodes a member of the GTR/RAG GTP-binding protein family. The encoded protein is a monomeric guanine nucleotide-binding protein which forms a heterodimer with RRAGA and RRAGB and is primarily localized to the cytoplasm. The encoded protein promotes intracellular localization of the mTOR complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]
Research Articles on RRAGC	**1.** Multiple RRAGC mutations demonstrated elevated MTOR activation.
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