RRAS Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RRAS, Polyclonal Antibody
Full Product Name	RRAS (Center) Rabbit pAb
Product Gene Name	anti-RRAS antibody
Product Synonym Names	Ras-related protein R-Ras; p23; RRAS
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB14590
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied in PBS with 0.09% (W/V) Sodium Azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Affinity Purified
OMIM	165090
3D Structure	ModBase 3D Structure for P10301
Immunogen	This RRAS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 91-123 amino acids from the central region of human RRAS.
Cellular Localization	Cell Membrane, Membrane
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RRAS antibody	Western Blot (WB)
Application Notes for anti-RRAS antibody	WB: 1:1000
Related Product Information for anti-RRAS antibody	MBS8551524 is an antibody targeting RRAS. Also known as RRAS (Center) Rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-RRAS 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 RRAS. It may not necessarily be applicable to this product.

NCBI GI #	5454028
NCBI GeneID	6237
NCBI Accession #	NP_006261.1
UniProt Primary Accession #	P10301
UniProt Related Accession #	P10301

GenBank Nucleotide #	NP_006261.1
NCBI Official Full Name	ras-related protein R-Ras
NCBI Official Synonym Full Names	RAS related
NCBI Official Symbol	RRAS
NCBI Official Synonym Symbols	R-Ras
UniProt Protein Name	Ras-related protein R-Ras
UniProt Synonym Protein Names	p23
Protein Family	Ras-related protein
UniProt Gene Name	RRAS
UniProt Entry Name	RRAS_HUMAN
NCBI Protein Information	ras-related protein R-Ras
NCBI Summary for RRAS	The protein encoded by this gene is a small GTPase involved in diverse processes including angiogenesis, vascular homeostasis and regeneration, cell adhesion, and neuronal axon guidance. Mutations in this gene are found in many invasive cancers. [provided by RefSeq, Jul 2015]
UniProt Comments for RRAS	RRas: a small G protein of the Ras family. Promotes focal adhesion formation by signaling to FAK and p130(Cas). Promotes tumor growth of cervical epithelial cells and increases their migration potential over collagen through a pathway that involves PI 3-K. Protein type: G protein, monomeric, Ras; G protein; Motility/polarity/chemotaxis; G protein, monomeric Chromosomal Location of Human Ortholog: 19q13.33 Cellular Component: focal adhesion; plasma membrane Molecular Function: GTPase activity; protein binding; GDP binding; GTP binding; protein complex binding Biological Process: axon guidance; synaptic transmission; positive regulation of angiogenesis; metabolic process; Ras protein signal transduction; leukocyte differentiation; regulation of protein kinase B signaling cascade; negative regulation of cell migration
Research Articles on RRAS	**1.** R-Ras activation is associated melanoma tumorigenesis.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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