

Rabbit RIC8A Polyclonal Antibody | anti-RIC8A antibody

RIC8A Antibody

CATALOG # AAA328715	HOST Rabbit	REACTIVITY Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog	APPLICATIONS Western Blot
-------------------------------	-----------------------	---	-------------------------------------

PRODUCT SYNONYMS

RIC8A; Polyclonal Antibody; RIC8A Antibody; MGC104517; MGC131931; MGC148073; MGC148074; Protein Ric-8A; resistance to inhibitors of cholinesterase 8 homolog A (C. elegans); RIC8; RIC8A_HUMAN; Synembryn-A; anti-RIC8A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	RIC8A Antibody detects endogenous levels of RIC8A.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	537
Applicable Applications for anti-RIC8A antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human RIC8A.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Plasma Membrane
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using RIC8A Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)

Western blot analysis of extracts from HepG2, using RIC8A Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-RIC8A antibody	Description: Guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins. Able to activate GNAI1, GNAO1 and GNAQ, but not GNAS by exchanging bound GDP for free GTP. Involved in regulation of microtubule pulling forces during mitotic movement of chromosomes by stimulating G(i)-alpha protein, possibly leading to release G(i)-alpha-GTP and NuMA proteins from the NuMA-GPSM2-G(i)-alpha-GDP complex (By similarity). Also acts as an activator for G(q)-alpha (GNAQ) protein by enhancing the G(q)-coupled receptor-mediated ERK activation. Subunit Structure: Interacts with GDP-bound G alpha proteins GNAI1, GNAO1 and GNAQ, and with GNA13 with lower affinity. Does not interact with G-alpha proteins when they are in complex with subunits beta and gamma. Interacts (via C-terminus) with RGS14; the interaction stimulates the dissociation of the complex between RGS14 and the active GTP-bound form of GNAI1 (By similarity). Similarity: Belongs to the synembryn family.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	27883866
NCBI GeneID	60626
NCBI Accession #	NP_068751.4
NCBI GenBank Nucleotide #	NP_068751.4
UniProt Accession #	Q9NPQ8
Molecular Weight	Observed: 60 kDa Predicted: 60 kDa
NCBI Official Full Name	synembryn-A isoform 1
NCBI Official Synonym Full Names	RIC8 guanine nucleotide exchange factor A
NCBI Official Symbol	RIC8A
NCBI Official Synonym Symbols	RIC8
NCBI Protein Information	synembryn-A
UniProt Protein Name	Synembryn-A
UniProt Gene Name	RIC8A
UniProt Entry Name	RIC8A_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.