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Product datasheet for TA344715

RIC8 (RIC8A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-RIC8A antibody: synthetic peptide directed towards the N terminal of human RIC8A. Synthetic peptide located within the following region: KLTERVGLYRERSFPHDVQFFDLRLLFLLTALRTDVRQQLFQELKGVRLL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	RIC8 guanine nucleotide exchange factor A
Database Link:	NP_068751 Entrez Gene 60626 Human Q9NPQ8

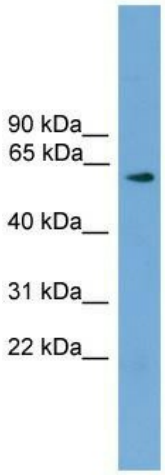
View online »

Background: RIC8A is a guanine nucleotide exchange factor (GEF), which can activate some, but not all, G-alpha proteins.RIC8A is able to activate GNAI1, GNAO1 and GNAQ, but not GNAS by exchanging bound GDP for free GTP.RIC8A is 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. RIC8A also acts as an activator for G(q)-alpha (GNAQ) protein by enhancing the G(q)-coupled receptor-mediated ERK activation.

Synonyms: RIC8

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 86%

Product images:



WB Suggested Anti-RIC8A Antibody Titration: 0.2-1 ug/ml; Positive Control: THP-1 cell lysate