## antibodies - online.com







## anti-RIC8A antibody (AA 362-531)



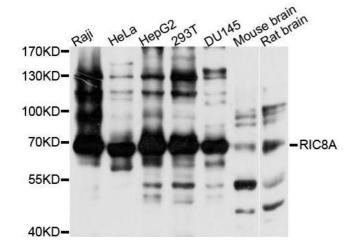


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Quantity:	100 μL	
Target:	RIC8A	
Binding Specificity:	AA 362-531	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This RIC8A antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 362-531 of	
	human RIC8A (NP_001273063.1).	
Sequence:	DVRTRPEVGE MLRNKLVRLM THLDTDVKRV AAEFLFVLCS ESVPRFIKYT GYGNAAGLLA	
	ARGLMAGGRP EGQYSEDEDT DTDEYKEAKA SINPVTGRVE EKPPNPMEGM TEEQKEHEAM	
	KLVTMFDKLS RNRVIQPMGM SPRGHLTSLQ DAMCETMEQQ LSSDPDSDPD	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Polyclonal Antibodies	
Target Details		
Target:	RIC8A	

Target Details		
Alternative Name:	RIC8A (RIC8A Products)	
Background:	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.,RIC8A,RIC8,Signal Transduction,G protein signaling,RIC8A	
Molecular Weight:	58 kDa/59 kDa/60 kDa	
Gene ID:	60626	
UniProt:	Q9NPQ8	
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, Feeding Behaviour, Asymmetric	
	Protein Localization	
Application Details		
Application Notes:	WB,1:500 - 1:2000	
Comment:	HIGH QUALITY	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.	

Format:	Liquid	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	



## **Western Blotting**

**Image 1.** Western blot analysis of extracts of various cell lines, using RIC8A antibody.