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anti-RIC8A antibody





Go to Product page

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Quantity:	200 μL
Target:	RIC8A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIC8A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human RIC8A
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	RIC8A
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

Target Details

	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.
UniProt:	Q9NPQ8
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, Feeding Behaviour, Asymmetric Protein Localization

Application Details

Precaution of Use:

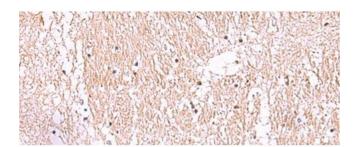
Storage:

Application Notes:	IHC 1:50-1:300, ELISA 1:5000-1:10000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.96 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

-20 °C

should be handled by trained staff only.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human brain tissue using RIC8A Polyclonal Antibody at dilution of 1:55(x200)