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# Datasheet for ABIN7171203 anti-RIC8A antibody (AA 362-531)

Image



#### Overview

Quantity:	100 μL
Target:	RIC8A
Binding Specificity:	AA 362-531
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RIC8A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

### Product Details

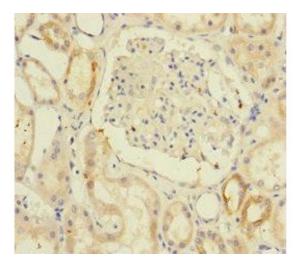
Immunogen:	Recombinant Human Synembryn-A protein (362-531AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	RIC8A
Alternative Name:	RIC8A (RIC8A Products)
Background:	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

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	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.
	Aliases: MGC104517 antibody, MGC131931 antibody, MGC148073 antibody, MGC148074
	antibody, Protein Ric-8A antibody, resistance to inhibitors of cholinesterase 8 homolog A (C.
	elegans) antibody, RIC8 antibody, RIC8A antibody, RIC8A_HUMAN antibody, Synembryn-A
	antibody
UniProt:	Q9NPQ8
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, Feeding Behaviour, Asymmetric
	Protein Localization
Application Details	
Application Notes:	Recommended dilution: IHC:1:20-1:200,
Application Notes: Restrictions:	Recommended dilution: IHC:1:20-1:200, For Research Use only
Restrictions:	
Restrictions: Handling	For Research Use only
Restrictions: Handling Format:	For Research Use only Liquid
Restrictions: Handling Format: Buffer:	For Research Use only         Liquid         PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Restrictions: Handling Format: Buffer: Preservative:	For Research Use only         Liquid         PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.         Sodium azide
Restrictions: Handling Format: Buffer: Preservative:	For Research Use only         Liquid         PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.         Sodium azide         This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7171203 at dilution of 1:100

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