

## RIC8A Antibody (Center)

Catalog_no :	AB1592
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:244-272
Specificity :	This RIC8A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 244-272 amino acids from the Central region of human RIC8A.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Synembryn-A, Protein Ric-8A, RIC8A
Isotype :	Rabbit Ig
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.
reference :	Woodard, G.E., et al. Mol. Cell. Biol. 30(14):3519-3530(2010) Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Lim, J., et al. Cell 125(4):801-814(2006) Nishimura, A., et al. Genes Cells 11(5):487-498(2006) Tall, G.G., et al. J. Biol. Chem. 278