

## RASGRP2 Antibody (N-term)

Catalog_no :	AB1009
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:7-34
Specificity :	This RASGRP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 7-34 amino acids from the N-terminal region of human RASGRP2.
Dilution :	WB,1:1000;WB,1:1000;IHC-P,1:10~50;IF,1:10~50;
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 :	RAS guanyl-releasing protein 2, Calcium and DAG-regulated guanine nucleotide exchange factor I, CalDAG-GEFI, Cdc25-like protein, hCDC25L, F25B33 kinase-like protein, RASGRP2, CDC25L, MCG7
Isotype :	Rabbit Ig
Background :	The protein encoded by this gene is a brain-enriched nucleotide exchanged factor that contains an N-terminal GEF domain, 2 tandem repeats of EF-hand calcium-binding motifs, and a C-terminal diacylglycerol/phorbol ester-binding domain. This protein can activate small GTPases, including RAS and RAP1/RAS3. The nucleotide exchange activity of this protein can be stimulated by calcium and diacylglycerol. Three alternatively spliced transcript variants encoding the same protein have been found for this gene.
reference :	Nagamine, K., et al. Biol. Pharm. Bull. 33(7):1138-1142(2010) Katagiri, K., et al. J. Biol. Chem. 279(12):11875-11881(2004) Eto, K., et al. Proc. Natl. Acad. Sci. U.S.A. 99(20):12819-12824(2002) Toki, S., et al. J. Comp. Neurol. 437(4):398-407(2001)