



RASGRF2 Mouse mAb

Catalog No	YP-mAb-18963
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RASGRF2 GRF2
Immunogen	Synthesized peptide derived from human RASGRF2
Specificity	This antibody detects endogenous levels of RASGRF2 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GRF2;Ras guanine nucleotide exchange factor 2;Ras protein specific guanine nucleotide releasing factor 2;Ras-GRF2;Ras-specific guanine nucleotide-releasing factor 2;RASGRF2;RGRF2_HUMAN;RASGRF2 GRF2;Ras-specific guanine nucleotide-releasing factor 2 (Ras-GRF2) (Ras guanine nucleotide exchange factor 2)
Observed Band	
Calculated Molecular Weight	14kDa; 141kD(Calculated).
Cell Pathway	Cytoplasm. Cell membrane; Peripheral membrane protein. Endoplasmic reticulum membrane; Peripheral membrane protein. Translocates to membranes when activated. Found both at cell periphery and along the axon of neurons (By similarity). .
Tissue Specificity	Widely expressed with higher expression in brain, followed by heart, lung, pancreas and kidney. Detected in placenta. Expressed in brain and lung (at protein level).
Function	Functions as a calcium-regulated nucleotide exchange factor activating both Ras and RAC1 through the exchange of bound GDP for GTP. Preferentially activates HRAS in vivo compared to RRAS based on their different types of prenylation. Functions in synaptic plasticity by contributing to the induction of



long term potentiation.

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images