

RASGRF2 Rabbit pAb

CatalogNo: YN8430

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 136kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

Synthesized peptide derived from human RASGRF2

Specificity

This antibody detects endogenous levels of RASGRF2 at Human, Mouse, Rat

| Target Information

Gene name

RASGRF2 GRF2

Protein Name	Ras-specific guanine nucleotide-releasing factor 2 (Ras-GRF2) (Ras guanine nucleotide exchange factor 2)		
	Organism	Gene ID	UniProt ID
	Human	5924;	O14827;
	Mouse	19418;	P70392;
	Rat	114513;	Q99JE4;
Cellular Localization	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.		

| Validation Data

| Contact information

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**RASGRF2 Rabbit
 pAb**

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