



RPGF6 Polyclonal Antibody

Catalog No	YP-Ab-06020
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	RAPGEF6 PDZGEF2
Immunogen	Synthesized peptide derived from human protein . at AA range: 460-540
Specificity	RPGF6 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIA001LB;PDZ GEF2;PDZGEF2;PDZ-GEF2;RA GEF 2;RAGEF2;RAPGEF6;RPGF6;RAPGEF6 PDZGEF2;Rap guanine nucleotide exchange factor 6 (PDZ domain-containing guanine nucleotide exchange factor 2) (PDZ-GEF2) (RA-GEF-2)
Observed Band	179 kDa
Calculated Molecular Weight	1601 aa, 179 kDa
Cell Pathway	Cytoplasm . Cell membrane . Upon binding to M-Ras, it translocates to the plasma membrane.
Tissue Specificity	Isoform 3 has highest expression levels in the brain, heart, liver, lung and placenta and is barely detectable in skeletal muscle, kidney and pancreas.
Function	function:Guanine nucleotide exchange factor (GEF) for Rap1A, Rap2A and M-Ras GTPases. Does not interact with cAMP.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 cyclic nucleotide-binding domain.,similarity:Contains 1 N-terminal Ras-GEF domain.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 1 Ras-associating domain.,similarity:Contains 1 Ras-GEF domain.,subcellular location:Upon binding to M-Ras, it translocates to the plasma membrane.,subunit:Interacts with the second PDZ domain of human PTP1e.,tissue specificity:Isoform 3 has



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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