



RPGF6 rabbit pAb

Cat No.:ES10095

For research use only

Overview

Product Name	RPGF6 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
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, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Rap guanine nucleotide exchange factor 6 (PDZ domain-containing guanine nucleotide exchange factor 2) (PDZ-GEF2) (RA-GEF-2)
Gene Name	RAPGEF6 PDZGEF2
Cellular localization	Cytoplasm . Cell membrane . Upon binding to M-Ras, it translocates to the plasma membrane.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	176kD
Human Gene ID	51735
Human Swiss-Prot Number	Q8TEU7
Alternative Names	
Background	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 highest expression levels in the brain, heart,
liver, lung and placenta and is barely detectable in
skeletal muscle, kidney and pancreas.,