



RGS3 Rabbit pAb

Catalog No	YP-Ab-18416
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	RGS3
Protein Name	Regulator of G-protein signaling 3 (RGP3) (RGS3)
Immunogen	Synthesized peptide derived from human RGS3
Specificity	This antibody detects endogenous levels of RGS3 at Human, Mouse,Rat
Formulation	This antibody detects endogenous levels of RGS3 at Human, Mouse,Rat
Source	
Purification	The antibody was affinity-purified from rabbit 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	
Observed Band	132kD
Cell Pathway	Cytoplasm . Nucleus . Cell membrane ; Peripheral membrane protein . Long isoforms are cytoplasmic and associated with the plasma membrane (PubMed:9858594). Short isoforms are nuclear (PubMed:10749886).
Tissue Specificity	
Function	Down-regulates signaling from heterotrimeric G-proteins by increasing the GTPase activity of the alpha subunits, thereby driving them into their inactive GDP-bound form. Down-regulates G-protein-mediated release of inositol phosphates and activation of MAP kinases.
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.



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