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RGS6 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10599

Product Information

Application	WB
Primary Accession	P49758
Other Accession	NM_004296, NP_004287
Reactivity	Human, Mouse, Rat
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54423

Additional Information

Gene ID	9628
Alias Symbol	DKFZp313G1241, FLJ43552, GAP, MGC142132
Other Names	Regulator of G-protein signaling 6, RGS6, S914, RGS6
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-RGS6 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	RGS6 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

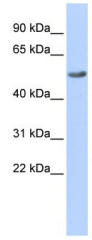
Protein Information

Name	RGS6
Function	Regulates G protein-coupled receptor signaling cascades. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP- bound form. The RGS6/GNB5 dimer enhances GNAO1 GTPase activity (PubMed:10521509).
Cellular Location	Cytoplasm. Cytoplasm, cytosol. Membrane; Peripheral membrane protein. Nucleus Cell membrane {ECO:0000250|UniProtKB:Q9Z2H2}. Note=Interaction with GNB5 mediates translocation to the nucleus

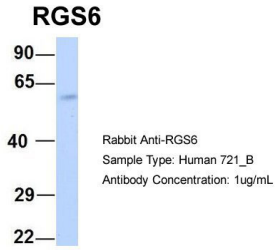
References

Gu,J., (2006) Cancer 106 (12), 2716-2724 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-RGS6 Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:125
Positive Control: Jurkat cell lysate



Host:Rabbit
Target Name:RGS6
Sample Tissue:Human 721_B
Antibody Dilution:1.ug/ml

RGS6 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells