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# RGS6 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10599

## Product Information

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|---|---|
| **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

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|---|---|
| **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. |

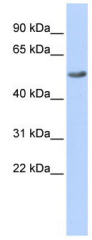
## Protein Information

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|---|---|
| **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 |

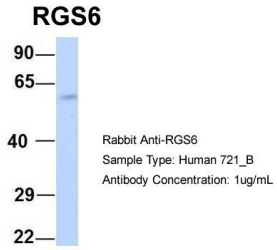
## References

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.