

Product datasheet for **TA336471**

RGS18 Rabbit Polyclonal Antibody

Product data:

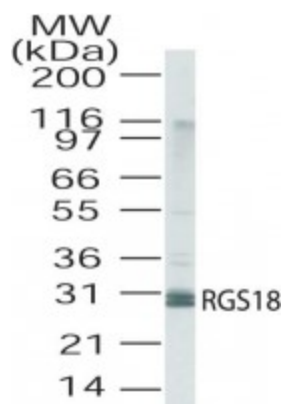
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1-3 ug/ml
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Amino acids 200-218 of human RGS18 (Genebank accession no NP_570138). were used as immunogen.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	regulator of G-protein signaling 18
Database Link:	NP_570138 Entrez Gene 64407 Human Q9NS28
Background:	Regulators of G-protein signaling (RGSs) are a protein family that can act as GTPase-activating proteins for G(alphai)- and G(alphaq)-class proteins. One of these proteins, RGS18, is a 235 amino acid protein that is closely related to RGS5 (46% identity) and approximately 30-40% identity to other RGS proteins. This protein is expressed in platelet, leukocyte, and megakaryocyte cell lines. Engagement of TLR3 or TLR4 on monocyte-derived DCs potently down-regulates RGS18 and RGS14 without modifying other RGS proteins. A similar pattern of RGS protein expression occurs in immature bone marrow-derived mouse DCs stimulated to mature via TLR4 signaling. The changes in RGS18 and RGS1 expression are likely important for DC function.



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Synonyms: RGS13

Product images:



Western Blot: RGS18 Antibody TA336471 -
Analysis of RGS18 in human lung lysate using this
antibody at a dilution of 2 ug/ml.