

Rgs10 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12169

Product Information

Application	WB
Primary Accession	Q9CQE5
Other Accession	NM_026418 , NP_080694
Reactivity	Human, Mouse, Rat, Pig, Bovine
Predicted	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21151

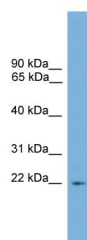
Additional Information

Gene ID	67865
Alias Symbol	2310010N19Rik, MGC129414
Other Names	Regulator of G-protein signaling 10, RGS10, Rgs10
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-Rgs10 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	Rgs10 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Rgs10
Function	Regulates G protein-coupled receptor signaling cascades, including signaling downstream of the muscarinic acetylcholine receptor CHRM2. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form. Modulates the activity of potassium channels that are activated in response to CHRM2 signaling. Activity on GNAZ is inhibited by palmitoylation of the G protein.
Cellular Location	Cytoplasm, cytosol {ECO:0000250 UniProtKB:O43665}. Nucleus {ECO:0000250 UniProtKB:O43665} Note=Forskolin treatment promotes phosphorylation and translocation to the nucleus. {ECO:0000250 UniProtKB:O43665}

Images



WB Suggested Anti-Rgs10 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Mouse Thymus

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