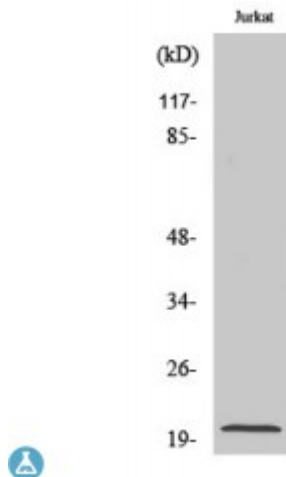


Anti-RGS10 antibody



Description	Rabbit polyclonal to RGS10.
Model	STJ95436
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human RGS10
Immunogen Region	50-130 aa, Internal
Gene ID	6001
Gene Symbol	RGS10
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	RGS10 Polyclonal Antibody detects endogenous levels of RGS10 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Regulator of G-protein signaling 10 RGS10
Molecular Weight	20 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:9992OMIM:602856
Alternative Names	Regulator of G-protein signaling 10 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 Localization	Cytoplasm, cytosol Nucleus. Forskolin treatment promotes phosphorylation and translocation to the nucleus. Isoform 2: Nucleus
Post-translational Modifications	Isoform 3 is phosphorylated on Ser-16.