

RGS10 Polyclonal Antibody
Catalog # AP72254**Specification****RGS10 Polyclonal Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	O43665
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

RGS10 Polyclonal Antibody - Additional Information**Gene ID** 6001**Other Names**

RGS10; Regulator of G-protein signaling 10; RGS10

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

RGS10 Polyclonal Antibody - 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 (PubMed:10608901, PubMed:11443111, PubMed:18434541, PubMed:8774883, PubMed:9353196). Modulates the activity of potassium channels that are activated in response to CHRM2 signaling (PubMed:11443111). Activity on GNAZ is inhibited by palmitoylation of the G-protein (PubMed:9353196).

Cellular Location

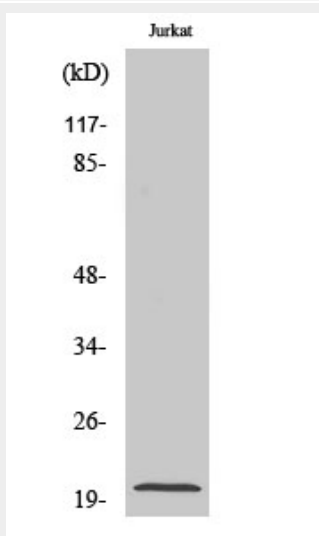
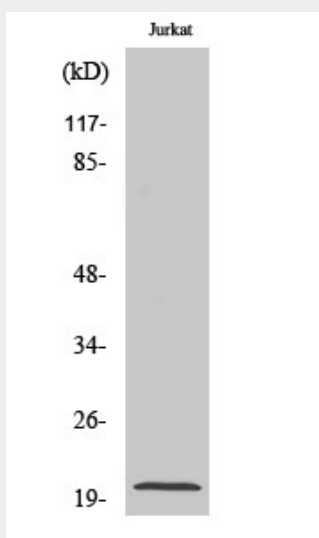
[Isoform 1]: Cytoplasm, cytosol. Nucleus Note=Forskolin treatment promotes phosphorylation and translocation to the nucleus.

RGS10 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RGS10 Polyclonal Antibody - Images



RGS10 Polyclonal Antibody - Background

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