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RGS5 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI16192

Specification

RGS5 antibody - middle region - Product Information

Application	**WB**
Primary Accession	O15539
Other Accession	NM_003617, NP_003608
Reactivity	**Human, Mouse, Rat, Pig, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Pig, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**21kDa KDa**

RGS5 antibody - middle region - Additional Information

Gene ID 8490

Alias Symbol	**MST092, MST106, MST129, MSTP032, MSTP092, MSTP106, MSTP129**

Other Names
Regulator of G-protein signaling 5, RGS5, RGS5

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-RGS5 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
RGS5 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

RGS5 antibody - middle region - Protein Information

Name RGS5

Function
Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha (By similarity).

Cellular Location
[Isoform 1]: Cytoplasm. Membrane

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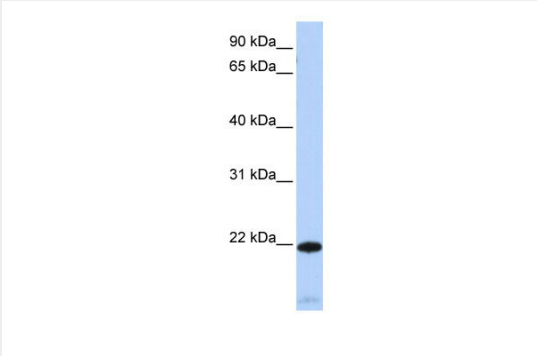
RGS5 antibody - middle region - Protocols

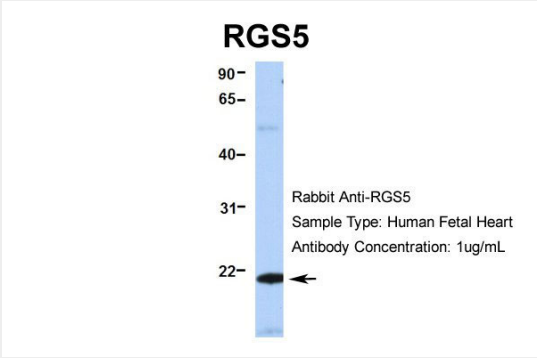
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RGS5 antibody - middle region - Images



WB Suggested Anti-RGS5 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Human heart



Hum. Fetal Heart

RGS5 antibody - middle region - Background

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha (By similarity).

RGS5 antibody - middle region - References

Chatterjee T.K.,et al.Submitted (OCT-1997) to the EMBL/GenBank/DDBJ databases.
Seki N.,et al.J. Hum. Genet. 43:202-205(1998).

Cismowski M.J.,et al.Nat. Biotechnol. 17:878-883(1999).
Liang Y.,et al.FEBS J. 272:791-799(2005).
Puhl H.L. III,et al.Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.