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RGS1 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00005996-B01

規格 : [50 uL]

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Specification

Product Description: Mouse polyclonal antibody raised against a full-length human RGS1 protein.

Immunogen: RGS1 (AAH15510, 1 a.a. ~ 196 a.a) full-length human protein.

Sequence:
 MPMGFFSANPKELKGTTHSLDDKMQKRRPKTFGMDMKAYLRSMIPHL
 ESGMKSSKSKDVL SAAEVMQWSQSLEKLLANQTGQNVFGSFLKSEFSE
 ENIEFWLACEDYKKTESDLLPRKAEIYKAFVHLDAAKQINIDFRTRESTAK
 KIKAPTPTCFDEAQKVIYTLMEKDSYPRFLKSDIYLNLLNDLQANSLK

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

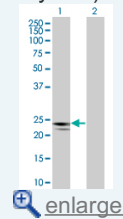
Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.


MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

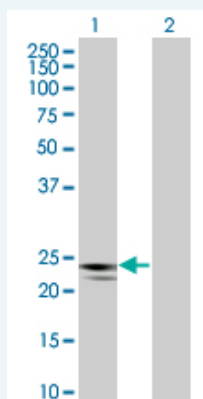
Western Blot (Transfected lysate)



 [enlarge](#)

Applications


Western Blot (Transfected lysate)



Western Blot analysis of RGS1 expression in transfected 293T cell line (H00005996-T01) by RGS1 MaxPab polyclonal antibody.

Lane 1: RGS1 transfected lysate(21.67 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5996](#)

GeneBank
Accession#: [BC015510](#)

Protein
Accession#: [AAH15510](#)

Gene Name: RGS1

Gene Alias: 1R20,BL34,IER1,IR20

Gene
Description: regulator of G-protein signaling 1

Omim ID: [600323](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the regulator of G-protein signalling family. This protein is located on the cytosolic side of the plasma membrane and contains a conserved, 120 amino acid motif called the RGS domain. The protein attenuates the signalling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. [provided by RefSeq]

Other Designations: B-cell activation protein BL34,OTTHUMP00000033591,early response protein 1R20,immediate-early response 1, B-cell specific,regulator of G-protein signalling 1

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