

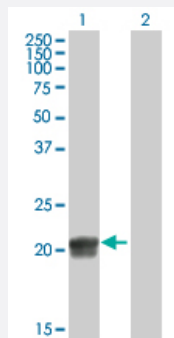
MaxPab®

RGS5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008490-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RGS5 expression in transfected 293T cell line ([H00008490-T01](#)) by RGS5 MaxPab polyclonal antibody.

Lane 1: RGS5 transfected lysate(19.91 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RGS5 protein.
Immunogen	RGS5 (NP_003608.1, 1 a.a. ~ 181 a.a) full-length human protein.
Sequence	MCKGLAALPHSCLERAKEIKIKLGILLQKPDSVGDVIPYNEKPEKPAKTQKTSIDEALQWRDSDL KLLQNNYGLASFKEFLKSEFSEENLEFWIACEDYKKIKSPAKMAEKAKQYEEFIQTEAPKEVNIDH FTKDITMKNLVEPSLSSFDMAQKRIHALMEKDSLPRFVRSEFYQELIK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — RGS5

Entrez GeneID [8490](#)

GeneBank Accession# [NM_003617](#)

Protein Accession# [NP_003608](#)

Gene Name RGS5

Gene Alias MST092, MST106, MST129, MSTP032, MSTP092, MSTP106, MSTP129

Gene Description regulator of G-protein signaling 5

Omim ID [145500 603276](#)

Gene Ontology [Hyperlink](#)

Gene Summary The regulator of G protein signaling (RGS) proteins are signal transduction molecules that have structural homology to SST2 of *Saccharomyces cerevisiae* and EGL-10 of *Caenorhabditis elegans*. Multiple genes homologous to SST2 are present in higher eukaryotes. RGS proteins are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators.[supplied by OMIM]

Other Designations OTTHUMP00000032361|Regulator of G protein signaling-5|regulator of G-protein signalling 5

Disease

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- [Bipolar Disorder](#)
- [Carcinoma](#)
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