

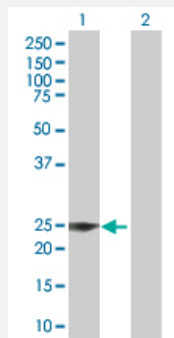
MaxPab®

RGS18 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00064407-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RGS18 expression in transfected 293T cell line ([H00064407-T01](#)) by RGS18 MaxPab polyclonal antibody.

Lane 1: RGS18 transfected lysate(25.96 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RGS18 protein.
Immunogen	RGS18 (AAH20632, 1 a.a. ~ 235 a.a) full-length human protein.
Sequence	METLLFFSQINMCESKEKTFKKLIHGSGKEETSKEAKIRAKEKRNRLSLLVQKPEFHEDTRSSRS GHLAKETRVSPEEAVKWGESFDKLLSHRDGLEAFTRFLKTEFSEENIEFWACEDFKKSKGPQQI HLKAKAIYEKFIQTDAPKEVNLDFTKEVITNSITQPTLHSFDAQSRVYQLMEQDSYTRFLKSDYL DLMEGRPQRPTNLRRRSRSFTCNEFQDVQSDVAWL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (82)
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

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — RGS18

Entrez GeneID [64407](#)

GeneBank Accession# [BC020632](#)

Protein Accession# [AAH20632](#)

Gene Name RGS18

Gene Alias RGS13

Gene Description regulator of G-protein signaling 18

Omim ID [607192](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the regulator of G-protein signaling family. This protein is contain s a conserved, 120 amino acid motif called the RGS domain. The protein attenuates the signaling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPas e activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis al lows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq

Other Designations OTTHUMP00000033590|regulator of G-protein signalling 13|regulator of G-protein signalling 18

Disease

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- [Bulimia](#)

- [Carcinoma](#)
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- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
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