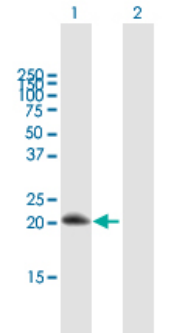
MaxPab®

RGS10 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006001-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RGS10 expression in transfected 293T cell line (H00006001-T01) by RGS10 MaxPab polyclonal antibody.

Lane 1: RGS10 transfected lysate(19.91 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RGS10 protein.
Immunogen	RGS10 (NP_001005339.1, 1 a.a. ~ 181 a.a) full-length human protein.
Sequence	MFNRAVSRLSRKRPPSDIHDSDGSSSSSHQSLKSTAKWAASLENLLEDPEGVKRFREFLKKEFS EENVLFWLACEDFKKMQDKTQMQEKAKEIYMTFLSSKASSQVNVEGQSRLNEKILEEPHPLMFQ KLQDQIFNLMKYDSYSRFLKSDLFLKHKRTEEEEEDLPDAQTAAKRASRIYNT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (94)
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.

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  Protocol Download

Gene Info — RGS10

Entrez GeneID	6001
GeneBank Accession#	NM_001005339.1
Protein Accession#	NP_001005339.1
Gene Name	RGS10
Gene Alias	-
Gene Description	regulator of G-protein signaling 10
Omim ID	602856
Gene Ontology	Hyperlink
Gene Summary	Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTP ase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins ar e able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They dri ve G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 10 belongs to this family. All RGS proteins share a conserved 120-amino acid sequence termed the RGS doma in. This protein associates specifically with the activated forms of the two related G-protein subuni ts, G-alphai3 and G-alphaz but fails to interact with the structurally and functionally distinct G-alpha subunits. Regulator of G protein signaling 10 protein is localized in the nucleus. Two transcript vari ants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000020597|OTTHUMP00000069158|regulator of G-protein signalling 10

Disease

- Alzheimer Disease
- Anorexia Nervosa

- Bulimia
- Carcinoma
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Neoplasm Recurrence
- Neoplasms
- Schizophrenia
- Schizophrenic Psychology