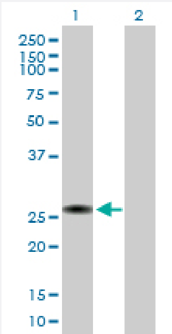
MaxPab®

RGS2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005997-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RGS2 expression in transfected 293T cell line (H00005997-T02) by RGS2 MaxPab polyclonal antibody.

Lane 1: RGS2 transfected lysate(23.21 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RGS2 protein.
Immunogen	RGS2 (NP_002914.1, 1 a.a. ~ 211 a.a) full-length human protein.
Sequence	MQSAMFLAVQHDCRPMDKSAGSGHKSEEKREKMKRTLLKDWKTRLSYFLQNSSTPGKPKTGKKSKQQAFIKPSPEEAQLWSEAFDELLASKYGLAAFRAFLKSEFCEENIEFWLACEDFKKTKSPQKLSSKARKIYTDFIEKEAPKEINIDFQTKTLIAQNIQEATSGCFTTAQKRVYSLMENNSYPRFLESEFYQDLCKKPQITTEPHAT
Host	Mouse
Reactivity	Human
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 — RGS2

Entrez GeneID	5997
GeneBank Accession#	NM_002923
Protein Accession#	NP_002914.1
Gene Name	RGS2
Gene Alias	G0S8
Gene Description	regulator of G-protein signaling 2, 24kDa
Omim ID	600861
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 2 belongs to t his family. The protein acts as a mediator of myeloid differentiation and may play a role in leukem ogenesis. [provided by RefSeq
Other Designations	G0 to G1 switch regulatory 8, 24kD|OTTHUMP00000033592|OTTHUMP00000060765|cell growt h-inhibiting protein 31|regulator of G-protein signalling 2, 24kD|regulator of G-protein signalling 2, 24kDa

Disease

- Adenocarcinoma

- Agoraphobia
- Anorexia Nervosa
- Anxiety Disorders
- Atherosclerosis
- Autonomic Nervous System Diseases
- Bulimia
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Cell Transformation
- Coronary Artery Disease
- Diabetes Mellitus
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hyperlipidemias
- Hypertension
- Imagination
- Lung Neoplasms
- Mental Processes
- Metabolic Syndrome X
- Multiple Sclerosis
- Neoplasm Recurrence
- Neoplasms
- Obesity

- Ovarian Neoplasms
- Panic Disorder
- Parkinson Disease
- Parkinsonian Disorders
- Phobic Disorders
- Postmortem Changes
- Psychiatric Status Rating Scales
- Schizophrenia
- Schizophrenic Psychology
- Stress Disorders
- Syncope
- Urinary Bladder Neoplasms