

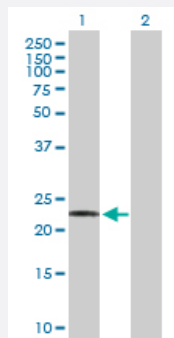
MaxPab®

RGS1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005996-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RGS1 expression in transfected 293T cell line ([H00005996-T02](#)) by RGS1 MaxPab polyclonal antibody.

Lane 1: RGS1 transfected lysate (22.50 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RGS1 protein.
Immunogen	RGS1 (AAH15510.1, 1 a.a. ~ 196 a.a) full-length human protein.
Sequence	MPGMFFSANPKELKGTHSLDDKMQRPKTFGMDMKAYLRSMIPHLESGMKSSKSKDVLSA AEVMQWSQSLEKLLANQTGQNVFGSFLKSEFSEENIEFWLACEDYKKTESDLLPCKAEIYKAFV HSDAAKQINIDFRTRESTAKKIKAPTPTCFDEAQKVITLMEKDSYPRFLKSDIYLNLLNDLQANSLK
Host	Rabbit
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.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of RGS1 expression in transfected 293T cell line ([H00005996-T02](#)) by RGS1 MaxPab polyclonal antibody.

Lane 1: RGS1 transfected lysate(22.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — RGS1

Entrez GeneID [5996](#)

GeneBank Accession# [NM_002922](#)

Protein Accession# [AAH15510.1](#)

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 a 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

Disease

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