

DNAxPAb

Hard-to-Find
Antibody

RGS1 DNAxPab

Catalog # H00005996-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RGS1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MPGMFFSANPKELKGTHSLDDKMQRRPKTFGMDMKAYLRSMIPHLESGMKSSKSKDVL SA AEVMQWSQSLEKLLANQTGQNVFGSFLKSEFSEENIEFWLACEDYKKTESDLLPCKAEEIKAFV HSDAAKQINIDFRTRESTAKKIKAPTPTCFDEAQKVITLMEKDSYPRFLKSDMYLNLNDLQANSLK
Host	Rabbit
Reactivity	Human
Purification	Protein A
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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — RGS1

Entrez GeneID [5996](#)

GeneBank Accession# [BC015510.1](#)

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

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)

- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)