

DNAXPab

Hard-to-Find
Antibody

RGS18 DNAXPab

Catalog # H00064407-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human RGS18 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	METLLFFSQINMCESKEKTFFFKLIHSGSGKEETSKEAKIRAKEKRNRLSLLVQKPEFHEDTRSSRS GHLAKETRVSPEEAVKWGESFDKLLSHRDGLEAFTRFLKTEFSEENIEFWIACEDFKKSKGPQQI HLKAKAIYEKFIQTDAPKEVNLDFTKEVITNSITQPTLHSFDAAQSRVYQLMEQDSYTRFLKSDYL DLMEGRPQRPTNLRRRRSRSFTCNEFQDVQSDVAVWL
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 — RGS18

Entrez GeneID [64407](#)

GeneBank Accession# [NM_130782.2](#)

Protein Accession# [NP_570138.1](#)

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 contains 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 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. 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

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