

Rabbit anti-Human GPR18 Polyclonal Antibody | anti-GPR18 antibody

GPR18 Polyclonal Antibody

CATALOG # AAA294943	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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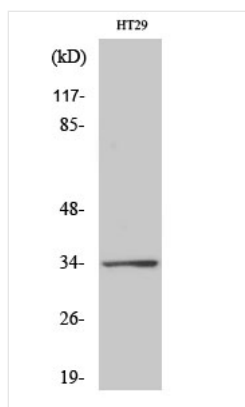
PRODUCT SYNONYMS

GPR18; Polyclonal Antibody; GPR18 Polyclonal Antibody; GPCRW; N-arachidonyl glycine receptor; NAGly receptor; G-protein coupled receptor 18; anti-GPR18 antibody

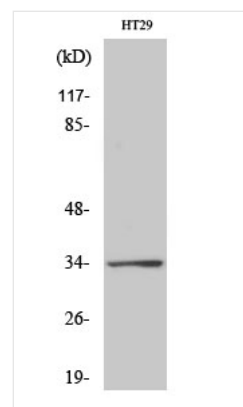
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-GPR18 antibody	IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000.
Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-GPR18 antibody

Receptor for endocannabinoid N-arachidonyl glycine (NAGly)(PubMed:24762058, PubMed:27572937). However, conflicting results about the role of NAGly as an agonist are reported (PubMed:27018161). Can also be activated by plant- derived and synthetic cannabinoid agonists (PubMed:24762058). The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase (PubMed:16844083). May contribute to regulation of the immune system. Is required for normal homeostasis of CD8+ subsets of intraepithelial lymphocytes (IELs)(CD8alphaalpha and CD8alphabeta IELs)in small intestine by supporting preferential migration of CD8alphaalpha T-cells to intraepithelial compartment over lamina propria compartment, and by mediating their reconstitution into small intestine after bone marrow transplant (By similarity). Plays a role in hypotensive responses, mediating reduction in intraocular and blood pressure (By similarity). Mediates NAGly-induced process of reorganization of actin filaments and induction of acrosomal exocytosis (PubMed:27572937).

NCBI AND UNIPROT INFORMATION

NCBI GI #	148235349
NCBI GeneID	2841
NCBI Accession #	NP_001091670.1
NCBI GenBank Nucleotide #	NM_001098200.1
UniProt Accession #	Q14330; Q6GTM3; Q96HI6; Q9H2L2
Molecular Weight	38,134 Da
NCBI Official Full Name	N-arachidonyl glycine receptor
NCBI Official Synonym Full Names	G protein-coupled receptor 18
NCBI Official Symbol	GPR18
NCBI Protein Information	N-arachidonyl glycine receptor; NAGly receptor
UniProt Protein Name	N-arachidonyl glycine receptor
UniProt Gene Name	GPR18
UniProt Synonym Gene Names	GPCRW; NAGly receptor
UniProt Entry Name	GPR18_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpr18-antibody-immunofluorescence-western-blot-elisa/294943>