

Rabbit GPR18 Polyclonal Antibody | anti-GPR18 antibody

Anti-GPR18 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105078	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Western Blot

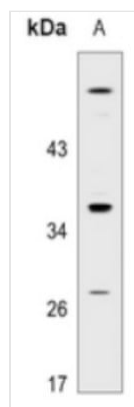
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

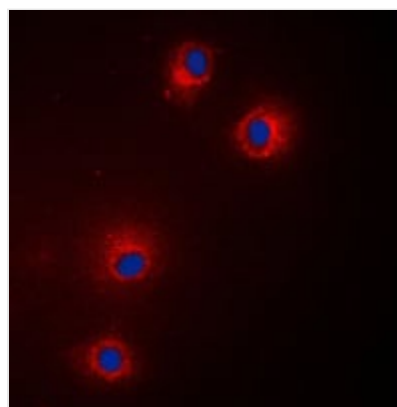
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of GPR18 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	331
Applicable Applications for anti-GPR18 antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR18. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



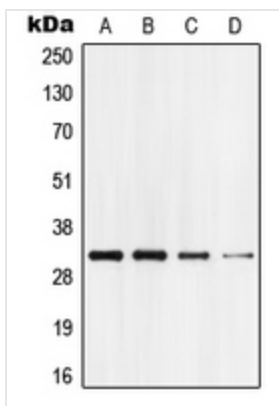
WB (Western Blot)

Western blot analysis of GPR18 expression in Jurkat (A) whole cell lysates. (Predicted band size: 38 kD; Observed band size: 38 kD)



IF (Immunofluorescence)

Immunofluorescent analysis of GPR18 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of GPR18 expression in HEK293T (A), Jurkat (B), mouse brain (C), rat brain (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR18 antibody

Rabbit polyclonal antibody to GPR18

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
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-flow-cytometry-immunocytochemistry-immunofluorescence-western-blot-elisa/105078>