Rabbit GPR176 Polyclonal Antibody | anti-GPR176 antibody

GPR176 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323603	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

GPR176; Polyclonal Antibody; GPR176 Antibody; agr9; G protein coupled receptor 176; Gm1012; GP176_HUMAN; GPR; Gpr176; HB 954; HB-954; HB954; Probable G-protein coupled receptor 176; Putative G protein coupled receptor; anti-GPR176 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GPR176 antibody detects endogenous levels of total GPR176
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	514
Applicable Applications for anti-GPR176 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Conjugation	Unconjugated

IMAGES

WB (Western Blot)
Western blot analysis of GPR176 expression in A431 whole cell lysate, The lane on the left is treated with the antigen-specific peptide.

IF (Immunofluorescence)
AAA323603 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR176 antibody	Function: Orphan receptor involved in normal circadian rhythm behavior. Acts through the G-protein subclass G(z)-alpha and has an agonist-independent basal activity to repress cAMP production. Similarity: Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	427918079
NCBI GeneID	11245
NCBI Accession #	NP_001258783.1
NCBI GenBank Nucleotide #	NM_001271854.1
UniProt Accession #	Q14439; Q6NXF6; B4DZ23; H9NIL9; J3KNC6
Molecular Weight	Observed: 57 kDa Predicted: 57 kDa
NCBI Official Full Name	G-protein coupled receptor 176 isoform 2
NCBI Official Synonym Full Names	G protein-coupled receptor 176
NCBI Official Symbol	GPR176
NCBI Official Synonym Symbols	HB-954
NCBI Protein Information	G-protein coupled receptor 176
UniProt Protein Name	G-protein coupled receptor 176
UniProt Gene Name	**GPR176**

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/gpr176-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323603