

Rabbit anti-Human GPR132 Polyclonal Antibody | anti-GPR132 antibody

GPR132 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325561	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

GPR132; Polyclonal Antibody; GPR132 Antibody; G Protein Coupled Receptor G2A; G2 accumulation protein; G2A; GP132_HUMAN; Probable G-protein coupled receptor 132; anti-GPR132 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	GPR132 antibody detects endogenous levels of total GPR132.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	380
Applicable Applications for anti-GPR132 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GPR132, corresponding to a region within C-terminal amino acids.
Important	For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using GPR132 antibody.



IF (Immunofluorescence)

AAA325561 staining Hela 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-GPR132 antibody	Function: May be a receptor for oxidized free fatty acids derived from linoleic and arachidonic acids such as 9-hydroxyoctadecadienoic acid (9-HODE). Activates a G alpha protein, most likely G alpha(q). May be involved in apoptosis. Functions at the G2/M checkpoint to delay mitosis. May function as a sensor that monitors the oxidative states and mediates appropriate cellular responses such as secretion of paracrine signals and attenuation of proliferation. May mediate the accumulation of intracellular inositol phosphates at acidic pH through proton-sensing activity. Similarity: Belongs to the G-protein coupled receptor 1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	524579300
NCBI GeneID	29933
NCBI Accession #	NP_001265623.1
NCBI GenBank Nucleotide #	NM_001278694.1
UniProt Accession #	Q9UNW8; Q9BSU2; A8K7X7; B4E144
Molecular Weight	42 kD
NCBI Official Full Name	probable G-protein coupled receptor 132 isoform 1
NCBI Official Synonym Full Names	G protein-coupled receptor 132
NCBI Official Symbol	GPR132
NCBI Official Synonym Symbols	G2A
NCBI Protein Information	probable G-protein coupled receptor 132
UniProt Protein Name	Probable G-protein coupled receptor 132
UniProt Gene Name	GPR132
UniProt Synonym Gene Names	G2A

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/gpr132-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325561>