Rabbit GPR173 Polyclonal Antibody | anti-GPR173 antibody

GPR173 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325517	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

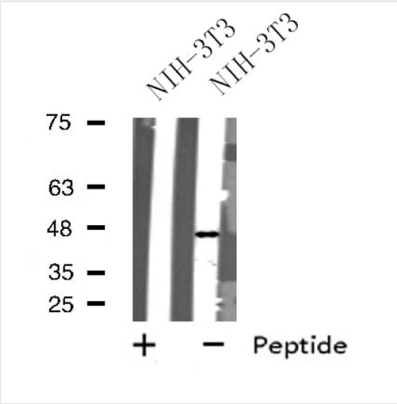
PRODUCT SYNONYMS

GPR173; Polyclonal Antibody; GPR173 Antibody; G protein coupled receptor 173; GP173_HUMAN; Probable G-protein coupled receptor 173; SREB 3; Super conserved receptor expressed in brain 3; anti-GPR173 antibody

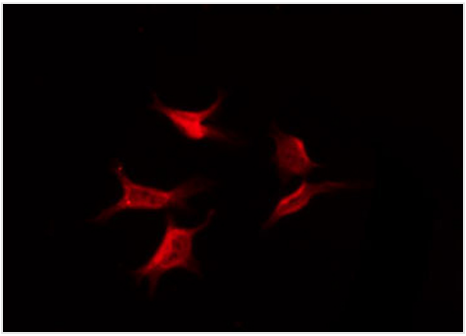
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GPR173 antibody detects endogenous levels of total GPR173
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	373
Applicable Applications for anti-GPR173 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Expressed at high levels in brain and ovary. Lower levels in small intestine. In brain regions, detected in all regions tested. Highest levels in the cerebellum and cerebral cortex.
Predicted Cross Reactivity	**Pig, Bovine, Sheep, Rabbit, Dog**
Similarity	Pig (100%), Bovine (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

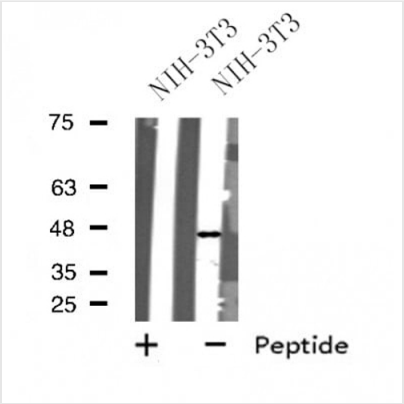
IMAGES



WB (Western Blot)
Western blot analysis of extracts from NIH-3T3 cells, using GPR173 antibody.



IF (Immunofluorescence)
AAA325517 staining NIH-3T3 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.



WB (Western Blot)
Western blot analysis of extracts from NIH-3T3 cells, using GPR173 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR173 antibody	Function: Orphan receptor. Similarity: Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9507143
NCBI GeneID	54328
NCBI Accession #	NP_061842.1
NCBI GenBank Nucleotide #	NM_018969.5
UniProt Accession #	Q9NS66; B1B0A5
Molecular Weight	Observed: 47 kD Predicted: 42 kDa
NCBI Official Full Name	probable G-protein coupled receptor 173
NCBI Official Synonym Full Names	G protein-coupled receptor 173
NCBI Official Symbol	GPR173
NCBI Official Synonym Symbols	SREB3

NCBI Protein Information	probable G-protein coupled receptor 173
UniProt Protein Name	Probable G-protein coupled receptor 173
UniProt Gene Name	**GPR173**
UniProt Synonym Gene Names	SREB3

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://www.aaabiotech.com/polyclonal/gpr173-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325517