

Rabbit GPR105 Polyclonal Antibody | anti-GPR105 antibody

GPR105 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327583	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

GPR105; Polyclonal Antibody; GPR105 Antibody; A330108O13Rik; G protein coupled receptor for UDP-glucose; G protein-coupled receptor 105; G protein-coupled receptor VTR 15-20; G-protein coupled receptor 105; KIAA0001; P2RY14; P2Y purinoceptor 14; P2Y(14) receptor; P2Y14; P2Y14 receptor; P2Y14_HUMAN; Purinergic receptor P2Y G protein coupled 14; Similar to TYPE-1 Angiotensin II receptor; UDP-glucose receptor; anti-GPR105 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GPR105 antibody detects endogenous levels of total GPR105
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	338
Applicable Applications for anti-GPR105 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GPR105
Subcellular Location	Cell Membrane
Tissue Specificity	Highest expression in the placenta, adipose tissue, stomach and intestine, intermediate levels in the brain, spleen, lung and heart, lowest levels in the kidney.
Predicted Cross Reactivity	Pig, Rabbit, Dog
Similarity	Pig (83%), Rabbit (83%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327583 staining 293 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 GPR105 using HT29 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-GPR105 antibody	Function: Receptor for UDP-glucose and other UDP-sugar coupled to G-proteins. Not activated by ATP, ADP, UTP or ATP. Similarity: Belongs to the G-protein coupled receptor 1 family.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	125625354
NCBI GeneID	9934
NCBI Accession #	NP_001074924.1
NCBI GenBank Nucleotide #	NM_001081455.1
UniProt Accession #	Q15391; Q8IYT7
Molecular Weight	Observed: 38 kDa Predicted: 39 kDa
NCBI Official Full Name	P2Y purinoceptor 14
NCBI Official Synonym Full Names	purinergic receptor P2Y14
NCBI Official Symbol	P2RY14
NCBI Official Synonym Symbols	P2Y14; BPR105; GPR105
NCBI Protein Information	P2Y purinoceptor 14
UniProt Protein Name	P2Y purinoceptor 14
UniProt Gene Name	P2RY14
UniProt Synonym Gene Names	GPR105; KIAA0001; P2Y14

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpr105-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327583>