

Rabbit anti-Human GPR35 Polyclonal Antibody | anti-GPR35 antibody

GPR35 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325581	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

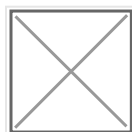
PRODUCT SYNONYMS

GPR35; Polyclonal Antibody; GPR35 Antibody; G protein coupled receptor 35; GPR 35; KYNA receptor; Kynurenic acid receptor; Probable G protein coupled receptor 35; Probable G protein coupled receptor GPR35; anti-GPR35 antibody

PRODUCT SPECIFICATIONS

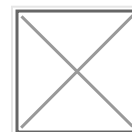
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	GPR35 antibody detects endogenous levels of total GPR35
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	340
Applicable Applications for anti-GPR35 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane; Multipass Membrane Protein
Tissue Specificity	Predominantly expressed in immune and gastrointestinal tissues.
Predicted Cross Reactivity	Bovine, Horse
Similarity	Bovine (83%), Horse (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325581 staining 293T 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.



IHC (Immunohistochemistry)

AAA325581 at 1/100 staining human Prostate tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from LOVO cells, using GPR35 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR35 antibody

Function: Acts as a receptor for kynurenic acid, an intermediate in the tryptophan metabolic pathway. The activity of this receptor is mediated by G-proteins that elicit calcium mobilization and inositol phosphate production through G(q/o) proteins.
Similarity: Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	305855114
NCBI GeneID	2859
NCBI Accession #	NP_001182310.1
NCBI GenBank Nucleotide #	NM_001195381.1
UniProt Accession #	Q9HC97; O43495; Q17R58; Q4VBN5; Q4ZFY2; Q6FHI8; Q86UH4; J3KR30
Molecular Weight	Observed: 34 kD Predicted: 35 kDa
NCBI Official Full Name	G-protein coupled receptor 35 isoform b
NCBI Official Synonym Full Names	G protein-coupled receptor 35
NCBI Official Symbol	GPR35
NCBI Protein Information	G-protein coupled receptor 35
UniProt Protein Name	G-protein coupled receptor 35
UniProt Gene Name	GPR35
UniProt Synonym Gene Names	KYNA receptor

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/gpr35-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/325581>