

Rabbit anti-Human GPR97 Polyclonal Antibody | anti-GPR97 antibody

GPR97 Antibody

CATALOG # AAA323585	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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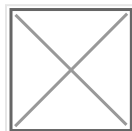
PRODUCT SYNONYMS

GPR97; Polyclonal Antibody; GPR97 Antibody; EGF-TM7-like; G protein coupled receptor 97; G-protein coupled receptor PGR26; GPR97_HUMAN; Pb 99; Pb99; PGR 26; PGR26; Probable G-protein coupled receptor 97; anti-GPR97 antibody

PRODUCT SPECIFICATIONS

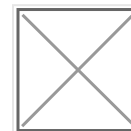
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	GPR97 antibody detects endogenous levels of total GPR97
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	429
Applicable Applications for anti-GPR97 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Expressed in cultured primary dermal lymphatic endothelial cells.
Predicted Cross Reactivity	Horse, Rabbit, Chicken
Similarity	Horse (80%), Rabbit (91%), Chicken (80%)
Conjugation	Unconjugated

IMAGES



IHC (Immunohistochemistry)

AAA323585 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample 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 GPR97 expression in HL60 cell line lysates ;, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR97 antibody	Function: Orphan receptor that regulates migration of lymphatic endothelial cells in vitro via the small GTPases RhoA and CDC42 (PubMed:24178298). Regulates B-cell development (By similarity). Seems to signal through G-alpha(q)-proteins (PubMed:22575658). Similarity: Belongs to the G-protein coupled receptor 2 family. Adhesion G-protein coupled receptor (ADGR) subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	816197586
NCBI GeneID	222487
NCBI Accession #	NP_001295289.1
NCBI GenBank Nucleotide #	NM_001308360.1
UniProt Accession #	Q86Y34; Q6ZMF4; Q86SL9; Q8IZF1
Molecular Weight	Observed: 61 kDa Predicted: 61 kDa
NCBI Official Full Name	adhesion G protein-coupled receptor G3 isoform 2
NCBI Official Synonym Full Names	adhesion G protein-coupled receptor G3
NCBI Official Symbol	ADGRG3
NCBI Official Synonym Symbols	PB99; GPR97; PGR26
NCBI Protein Information	adhesion G protein-coupled receptor G3
UniProt Protein Name	Adhesion G protein-coupled receptor G3
UniProt Gene Name	ADGRG3

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/gpr97-antibody-immunohistochemistry-western-blot-elisa/323585>