

Rabbit anti-Human GPR37 Polyclonal Antibody | anti-GPR37 antibody

GPR37 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243503	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

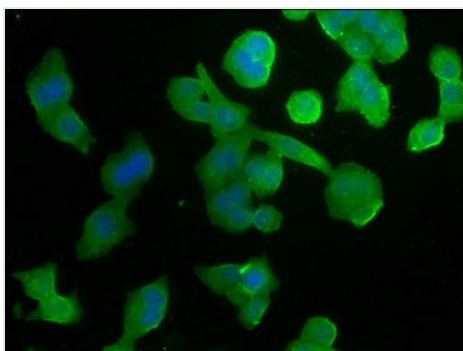
PRODUCT SYNONYMS

GPR37; Polyclonal Antibody; GPR37 Antibody; Prosaposin receptor GPR37 (Endothelin B receptor-like protein 1) (ETBR-LP-1) (G-protein coupled receptor 37) (Parkin-associated endothelin receptor-like receptor) (PAELR); anti-GPR37 antibody

PRODUCT SPECIFICATIONS

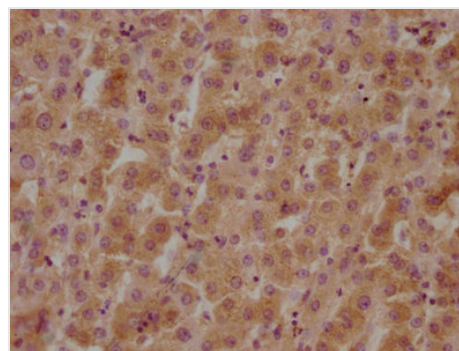
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Applicable Applications for anti-GPR37 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Peptide sequence from Human Prosaposin receptor GPR37 protein (114-133AA)
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



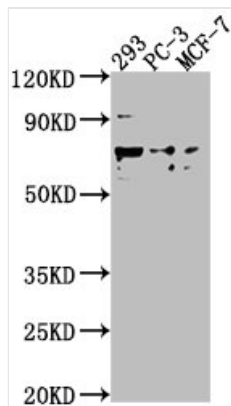
IF (Immunofluorescence)

Immunofluorescence staining of PC-3 cells with AAA243503 at 1:266, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA243503 diluted at 1:800 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: 293 whole cell lysate, PC-3 whole cell lysate, MCF-7 whole cell lysateAll lanes: GPR37 antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 68 kDaObserved band size: 68 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-GPR37 antibody	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885323
NCBI GeneID	2861
NCBI Accession #	NP_005293.1
NCBI GenBank Nucleotide #	NM_005302.3
UniProt Accession #	O15354; O00348; O14768; Q8TD39
Molecular Weight	67,114 Da
NCBI Official Full Name	probable G-protein coupled receptor 37
NCBI Official Synonym Full Names	G protein-coupled receptor 37 (endothelin receptor type B-like)
NCBI Official Symbol	GPR37
NCBI Official Synonym Symbols	PAELR; EDNRBL; hET(B)R-LP
NCBI Protein Information	probable G-protein coupled receptor 37; ETBR-LP-1; endothelin B receptor-like protein 1; Parkin-associated endothelin receptor-like receptor
UniProt Protein Name	Probable G-protein coupled receptor 37
UniProt Gene Name	GPR37
UniProt Synonym Gene Names	ETBR-LP-1; PAELR
UniProt Entry Name	GPR37_HUMAN

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.