

Rabbit anti-Human, Mouse GPR87 Polyclonal Antibody | anti-GPR87 antibody

GPR87 Antibody

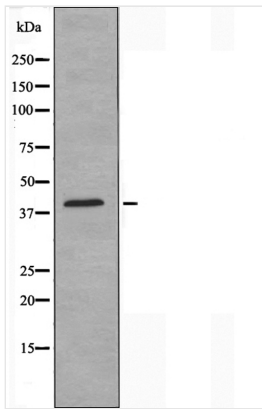
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325583	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

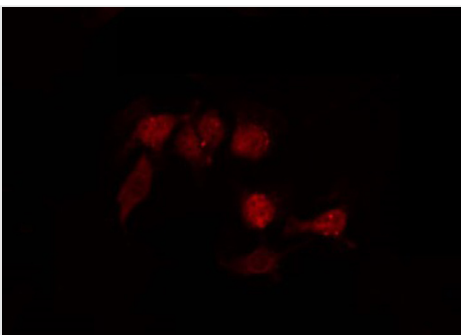
GPR87; Polyclonal Antibody; GPR87 Antibody; FKSG 78; FKSG78; G protein coupled receptor 87; G protein coupled receptor 95; G-protein coupled receptor 87; G-protein coupled receptor 95; GPCR87; GPR 87; GPR 95; Gpr87; GPR87_HUMAN; GPR95; hGPCR87; KPG 002; KPG_002; MGC131898; Orphan GPCR 87; Probable G protein coupled receptor 87; anti-GPR87 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	GPR87 antibody detects endogenous levels of total GPR87
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	358
Applicable Applications for anti-GPR87 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Tissue Specificity	Expressed in placenta and prostate. Weaker expression in thymus. Not expressed in thalamus, hippocampus, pons or cerebellum. Overexpressed in squamous cell carcinoma of the lung.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from HUVEC cells using GPR87 antibody.



IF (Immunofluorescence)
AAA325583 staining LOVO 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.

ADDITIONAL INFORMATION

Related Product Information for anti-GPR87 antibody	Function: Receptor for lysophosphatidic acid (LPA). Necessary for p53/TP53-dependent survival in response to DNA damage. Similarity: Belongs to the G-protein coupled receptor 1 family.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	224586796
NCBI GeneID	53836
NCBI Accession #	NP_076404.3
NCBI GenBank Nucleotide #	NM_023915.3
UniProt Accession #	Q9BY21; Q5KU35; Q96JZ8; Q9BXC2
Molecular Weight	Observed: 40 kD Predicted: 42 kDa
NCBI Official Full Name	G-protein coupled receptor 87
NCBI Official Synonym Full Names	G protein-coupled receptor 87
NCBI Official Symbol	GPR87
NCBI Official Synonym Symbols	GPR95; FKSG78; KPG_002
NCBI Protein Information	G-protein coupled receptor 87
UniProt Protein Name	G-protein coupled receptor 87
UniProt Gene Name	GPR87
UniProt Synonym Gene Names	GPR95

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.