

Rabbit anti-Human, Rat GPBAR1 Polyclonal Antibody | anti-GPBAR1 antibody

GPBAR1 Polyclonal Antibody

CATALOG # AAA179562	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunofluorescence, Western Blot
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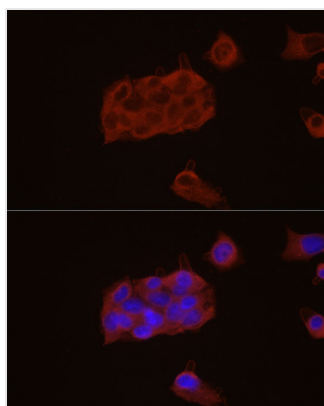
PRODUCT SYNONYMS

GPBAR1; Polyclonal Antibody; GPBAR1 Polyclonal Antibody; BG37; TGR5; M-BAR; GPCR19; GPR131; anti-GPBAR1 antibody

PRODUCT SPECIFICATIONS

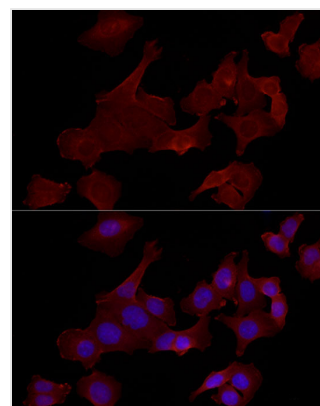
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GPBAR1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human GPBAR1
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



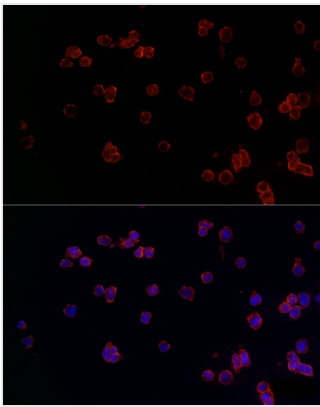
IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells using GPBAR1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



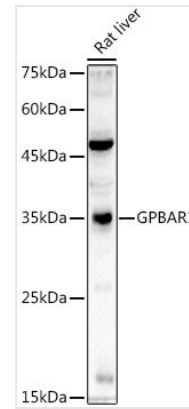
IF (Immunofluorescence)

Immunofluorescence analysis of HCT 116 cells using GPBAR1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of 293T cells using GPBAR1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of Rat liver using GPBAR1 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GPBAR1 antibody	This gene encodes a member of the G protein-coupled receptor (GPCR) superfamily. This enzyme functions as a cell surface receptor for bile acids. Treatment of cells expressing this GPCR with bile acids induces the production of intracellular cAMP, activation of a MAP kinase signaling pathway, and internalization of the receptor. The receptor is implicated in the suppression of macrophage functions and regulation of energy homeostasis by bile acids. Alternative splicing results in multiple transcript variants encoding the same protein.
Product Categories/Family for anti-GPBAR1 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	116284384
NCBI GeneID	151306
NCBI Accession #	NP_001070659.1
NCBI GenBank Nucleotide #	NM_001077191.1
UniProt Accession #	Q8TDU6; B3KV35
Molecular Weight	35,248 Da
NCBI Official Full Name	G-protein coupled bile acid receptor 1
NCBI Official Synonym Full Names	G protein-coupled bile acid receptor 1
NCBI Official Symbol	GPBAR1
NCBI Official Synonym Symbols	BG37; TGR5; M-BAR; GPCR19; GPR131
NCBI Protein Information	G-protein coupled bile acid receptor 1; hBG37; hGPCR19; membrane bile acid receptor; G-protein coupled receptor GPCR19; membrane-type receptor for bile acids; G-protein coupled bile acid receptor BG37
UniProt Protein Name	G-protein coupled bile acid receptor 1
UniProt Gene Name	GPBAR1
UniProt Synonym Gene Names	TGR5; hGPCR19; M-BAR; BG37
UniProt Entry Name	GPBAR_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.

