

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

GPBAR1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282258	Rabbit	Human, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

GPBAR1; Polyclonal Antibody; GPBAR1 Rabbit pAb; 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.
Sequence	MEELEQGLLM QPRAWLQLAE NSLLAKVFIT KQGYALLVSD LQQVWHEQVD TSVVSQRAKE LNKRLTAPPA AFLCHLDNLL RPLLKDAHP SEATFSCDCV ADALILRVRS ELISGLPFYWN FHCMLASPSL VSQHLIRPLM GMSLALQCQV RELATLLHMK DLEIQDYQES GATLIRDRLK TEPFEENSFL EQFMIEKLPE ACSIGDGKPF VMNLQDLYMA VTTQEVQVGQ KHQGAGDPHT SNSASLQID SQCVNQPEQL VSSAPTLSAP EKESTGTSGP LQRPQLSKVK RKKPRGLFS
Applicable Applications for anti-GPBAR1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	Rat liver
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 231-330 of human GPBAR1 (NP_733800.1).
Cellular Location	cytoplasm, plasma membrane
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HCT116 cells using GPBAR1 antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

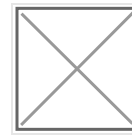


IF (Immunofluorescence)

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

**IF (Immunofluorescence)**

Immunofluorescence analysis of HepG2 cells using GPBAR1 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 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	74734059
NCBI GeneID	79840
UniProt Accession #	Q9H9Q4 ; Q4ZFW7 ; Q6IA64 ; Q96JS9 ; B8ZZA4
Molecular Weight	299
NCBI Official Full Name	Non-homologous end-joining factor 1
NCBI Official Synonym Full Names	nonhomologous end-joining factor 1
NCBI Official Symbol	NHEJ1
NCBI Official Synonym Symbols	XLF
NCBI Protein Information	non-homologous end-joining factor 1; XRCC4-like factor; protein cernunnos
UniProt Protein Name	Non-homologous end-joining factor 1
UniProt Gene Name	NHEJ1
UniProt Synonym Gene Names	XLF
UniProt Entry Name	NHEJ1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpbar1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282258>