

GPBAR1 Polyclonal Antibody | anti-GPBAR1 antibody

GPBAR1 Antibody

CATALOG #
AAA234154

APPLICATIONS
Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

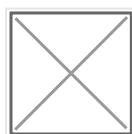
PRODUCT SYNONYMS

GPBAR1; Polyclonal Antibody; GPBAR1 Antibody; G-protein coupled bile acid receptor 1 (G-protein coupled receptor GPCR19) (hGPCR19) (Membrane-type receptor for bile acids) (M-BAR) (hBG37) (BG37); TGR5; anti-GPBAR1 antibody

PRODUCT SPECIFICATIONS

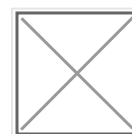
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Applicable Applications for anti-GPBAR1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	GPBAR1

IMAGES



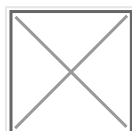
IF (Immunofluorescence)

Immunofluorescence staining of 293 cells with AAA234154 at 1:100, 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°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA234154 diluted at 1:300 and staining in paraffin-embedded human bladder cancer 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 Blot Positive WB detected in: Mouse kidney tissue All lanes: GPBAR1 antibody at 6ug/ml Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 36 KDa Observed band size: 36 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-GPBAR1 antibody	Receptor for bile acid. Bile acid-binding induces its internalization, activation of extracellular signal-regulated kinase and intracellular cAMP production. May be involved in the suppression of macrophage functions by bile acids.
Product Categories/Family for anti-GPBAR1 antibody	Signal Transduction

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
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
UniProt Protein Name	G-protein coupled bile acid receptor 1
UniProt Gene Name	GPBAR1
UniProt Synonym Gene Names	TGR5; hGPCR19; M-BAR; BG37

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-immunofluorescence-immunohistochemistry-western-blot-elisa/234154>