

GPBAR1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15071**Specification**

GPBAR1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q8TDU6
Other Accession	NM_170699 , NP_733800
Reactivity	Human, Rat
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35kDa KDa

GPBAR1 antibody - C-terminal region - Additional Information**Gene ID** 151306**Alias Symbol** **BG37, GPCR, GPCR19, GPR131, M-BAR, MGC40597, TGR5****Other Names**

G-protein coupled bile acid receptor 1, G-protein coupled receptor GPCR19, hGPCR19, Membrane-type receptor for bile acids, M-BAR, hBG37, BG37, GPBAR1, TGR5

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-GPBAR1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

GPBAR1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

GPBAR1 antibody - C-terminal region - Protein Information**Name** GPBAR1**Synonyms** TGR5**Function**

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.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

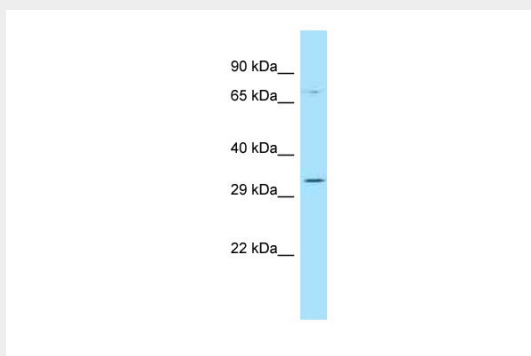
Ubiquitously expressed. Expressed at higher level in spleen and placenta. Expressed at lower level in other tissues. In digestive tissues, it is expressed in stomach, duodenum, ileocecum, ileum, jejunum, ascending colon, transverse colon, descending colon, cecum and liver, but not in esophagus and rectum

GPBAR1 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GPBAR1 antibody - C-terminal region - Images



WB Suggested Anti-GPBAR1 Antibody Titration: 1.0 µg/ml
Positive Control: MCF7 Whole Cell

GPBAR1 antibody - C-terminal region - References

Maruyama T., et al. Biochem. Biophys. Res. Commun. 298:714-719(2002).
Kawamata Y., et al. J. Biol. Chem. 278:9435-9440(2003).
Takeda S., et al. FEBS Lett. 520:97-101(2002).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.