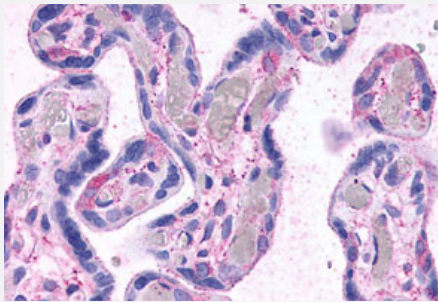


GPBAR1 polyclonal antibody

Catalog # PAB27702

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human placenta tissue with GPBAR1 polyclonal antibody (Cat # PAB27702). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of GPBAR1.
Immunogen	A synthetic peptide corresponding to 19 amino acid at C-terminus of human GPBAR1.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (6-16 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — GPBAR1

Entrez GeneID [151306](#)

Protein Accession# [Q8TDU6](#)

Gene Name GPBAR1

Gene Alias BG37, GPCR, GPCR19, GPR131, M-BAR, MGC40597, TGR5

Gene Description G protein-coupled bile acid receptor 1

Omim ID [610147](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations G-protein coupled bile acid receptor BG37|membrane bile acid receptor|membrane-type receptor for bile acids

Disease

- [Cholangitis](#)
- [Colitis](#)
- [Diabetes Mellitus](#)

- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)