

DNAxPAb

Hard-to-Find
Antibody

GPBAR1 DNAxPab

Catalog # H00151306-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human GPBAR1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — GPBAR1

Entrez GeneID	151306
GeneBank Accession#	BC033625
Protein Accession#	AAH33625
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](#)