



Rabbit anti-Human GPCR TGR5 polyclonal antibody (DPABH-06268)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide conjugated to KLH, corresponding to amino acids 302-322 of Human GPCR19.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	50 µg
Buffer	Constituents: 99% PBS, 0.2% Gelatin
Preservative	0.05% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	GPBAR1 G protein-coupled bile acid receptor 2 [Homo sapiens]
Official Symbol	GPBAR1
Synonyms	GPBAR1; G protein-coupled bile acid receptor 1; BG37; TGR5; M-BAR; GPCR19; GPR131; G-protein coupled bile acid receptor 1; hBG37; hGPCR19; membrane bile acid receptor; G-protein coupled receptor GPCR19; membrane-type receptor for bile acids; G-protein coupled bile acid receptor BG37;
Entrez Gene ID	151306
Protein Refseq	NP_001070659.1
UniProt ID	Q8TDU6
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; Signal Transduction;
Function	G-protein coupled bile acid receptor activity; bile acid receptor activity;