



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to amino acids 302-322 of Human GPCR19.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Constituents: 99% PBS, 0.2% Gelatin
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	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	<a href="#">GPBAR1 G protein-coupled bile acid receptor 2 [ Homo sapiens ]</a>
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	<a href="#">151306</a>
Protein Refseq	<a href="#">NP_001070659.1</a>
UniProt ID	<a href="#">Q8TDU6</a>
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling; Signal Transduction;
Function	G-protein coupled bile acid receptor activity; bile acid receptor activity;