

GPR132 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03690
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GPR132. AA range:311-360
Mol wt	42499
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	GPR132 Antibody
Synonyms	GPR132; G2A; Probable G-protein coupled receptor 132; G2 accumulation protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

GPR132 encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor (GPCR) superfamily. The receptors are seven-pass transmembrane proteins that respond to extracellular cues and activate intracellular signal transduction pathways. G protein-coupled receptor 132 was reported to be a receptor for lysophosphatidylcholine action, but PubMedID: 15653487 retracts this finding and instead suggests this protein to be an effector of lysophosphatidylcholine action. This protein may have proton-sensing activity and may be a receptor for oxidized free fatty acids. Alternative splicing results in multiple transcript variants.

Recommended Dilution

WB: 1: 500 - 1: 2000

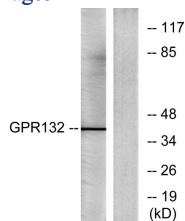
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

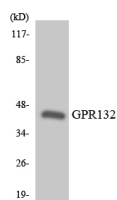
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of lysates from Jurkat cells, using GPR132 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using GPR132 antibody.

Storage

-20°C for one year

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