

## G2A Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03400
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GPR132. AA range:293-342
<b>Mol wt</b>	42499
<b>Species reactivity</b>	Human, Mouse, Monkey
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	G2A Antibody
<b>Synonyms</b>	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. Probable 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. Probable G-protein coupled receptor 132 may have proton-sensing activity and may be a receptor for oxidized free fatty acids. Alternative splicing results in multiple transcript variants.

### Recommended Dilution

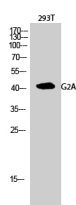
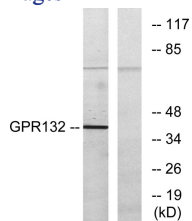
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

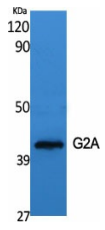
ELISA: 1: 5000

Not yet tested in other applications.

### Images



Western Blot analysis of 293T cells using G2A Polyclonal Antibody diluted at 1:500



Western Blot analysis of various cells using G2A Polyclonal Antibody diluted at 1:500

### Storage

-20°C for one year

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