

## GPR27 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03735
<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 GPR27. AA range:181-230
<b>Mol wt</b>	39818
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	GPR27 Antibody
<b>Synonyms</b>	GPR27; SREB1; Probable G-protein coupled receptor 27; Super conserved receptor expressed in brain 1

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

### Background

GPR27 is a member of the G protein-coupled receptors (GPCRs), a large family of receptors that have a similar structure characterized by 7 transmembrane domains. Activation of GPCRs by extracellular stimuli such as neurotransmitters, hormones, or light induces an intracellular signaling cascade mediated by heterotrimeric GTP-binding proteins, or G proteins.

### Recommended Dilution

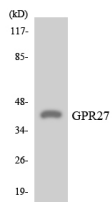
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

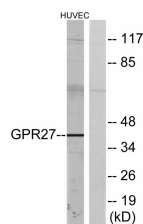
ELISA: 1: 10000

Not yet tested in other applications.

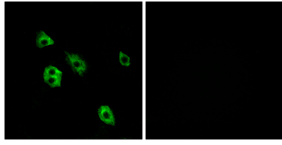
### Images



Western blot analysis of the lysates from HeLa cells using GPR27 antibody.



Western blot analysis of lysates from HUVEC cells, using GPR27 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of A549 cells, using GPR27 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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