GPR123 polyclonal antibody

Catalog: BS60806 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR123 (G protein-coupled receptor 123) is a 1,279 amino acid multi-pass membrane protein belonging to the G-protein coupled receptor 2 family and LN-TM7 subfamily. Existing as two alternatively spliced isoforms, GPR123 functions as an orphan receptor that is expressed in adult and fetal brain, and in adult spinal cord. The gene encoding GPR123 maps to human chromosome 10q26.3 and mouse chromosome 7 F4.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 61 kDa

Swiss-Prot:

Q86SQ6

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

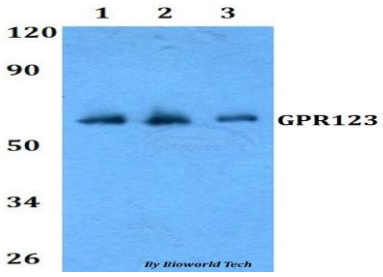
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

GPR123 polyclonal antibody detects endogenous levels of GPR123 protein.

DATA:



Western blot (WB) analysis of GPR123 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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