

GPR116 polyclonal antibody

Catalog: BS60775

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. GPR116 (G protein-coupled receptor 116) is a 1,346 amino acid multi-pass membrane protein that contains one SEA domain, one GPS domain and three Ig-like domains and belongs to the GPR family. Existing as a dilsulfide-linked homodimer at the cell surface, GPR116 exists as multiple alternatively spliced isoforms and is thought to play a role in regulating and maintaining proper acid-base balance throughout the cell.

Product:

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

Molecular Weight:

~ 149 kDa

Swiss-Prot:

Q8IZF2

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

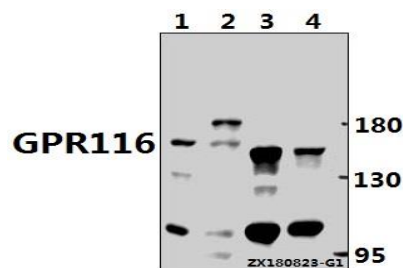
Storage&Stability:

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

Specificity:

GPR116 polyclonal antibody detects endogenous levels of GPR116 protein.

DATA:



Western blot (WB) analysis of GPR116 pAb at 1:500 dilution

Lane1:3T3-L1 whole cell lysate(40ug)

Lane2:PC12 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:A549 whole cell lysate(40ug)

Note:

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

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