

## GPR75 polyclonal antibody

Catalog: BS5752

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. GPR75 is a 540 amino acid multi-pass membrane protein that functions as an orphan receptor and belongs to the GPR1 family. Highly expressed in spinal cord and brain, GPR75 is also found at low levels in retinal pigment epithelium. The gene encoding GPR75 maps to human chromosome 2, which consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2 including Harlequin ichthyosis, sitosterolemia and Alström syndrome.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 59 kDa

### Swiss-Prot:

O95800

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

ICC: 1:50~1:200

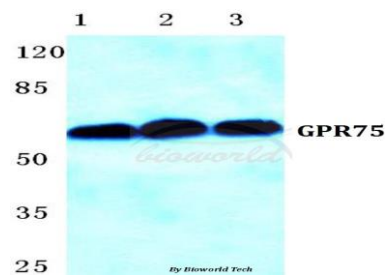
### Storage&Stability:

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

### Specificity:

GPR75 polyclonal antibody detects endogenous levels of GPR75 protein.

### DATA:



Western blot (WB) analysis of GPR75 polyclonal antibody at 1:500 dilution

Lane1:HEK293T cell lysate

Lane2:sp2/0 cell lysate

Lane3:Rat kidney tissue lysate

### Note:

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

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