

## GPR171 polyclonal antibody

Catalog: BS5742

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. GPR signaling is an evolutionarily ancient mechanism used by all eukaryotes to sense environmental stimuli and mediate cell-cell communication. 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. G protein-coupled receptors provide attractive targets for drug therapy due to the sheer size and diversity of ligands within this receptor family. GPR171, also designated H963, is a 319 amino acid protein that is structurally related to the purinergic receptors P2Y12, P2Y13 and P2Y14.

### Product:

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

### Molecular Weight:

~ 37 kDa

### Swiss-Prot:

O14626

### 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

IF: 1:50~1:200

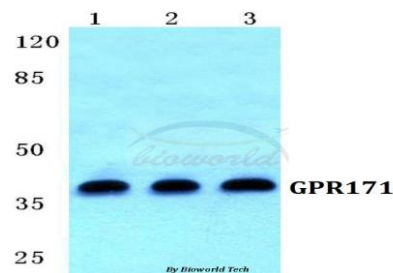
### Storage&Stability:

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

### Specificity:

GPR171 polyclonal antibody detects endogenous levels of GPR171 protein.

### DATA:



Western blot (WB) analysis of GPR171 polyclonal antibody at 1:500 dilution

Lane1:HEK293T cell lysate

Lane2:Mouse liver tissue lysate

Lane3:Rat liver tissue lysate

### Note:

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

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