

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



GPR176 Peptide

Cat No.: BS5743P

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. GPR176 (G protein-coupled receptor 176), also known as HB-954, GPR or Gm1012, is a 515 amino acid multi-pass membrane protein belonging to the G-protein coupled receptor 1 family. Expressed in brain and spleen, with trace expression in kidney, GPR176 functions as an orphan receptor that is thought to play a role in signaling events throughout the cell. Containing four N-glycosylation sites, seven transmembrane domains and a large C-terminal cytosolic domain, GPR176 is encoded by a gene mapping to human chromosome 15q14.

Swiss-Prot

Q14439

Applications

Blocking

Specificity

This peptide can be used with studies using BS5743 GPR176 pAb.

Purification & Purity

Synthetic peptide GPR176. (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

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