

GPR162 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55974

Specification

GPR162 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession <u>Q16538</u>

Reactivity
Host
Rat, Pig, Dog, Bovine
Rabbit

Clonality Polyclonal Calculated MW 64 KDa Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human GPR162

Epitope Specificity 111-210/588

Isotype
Purity
affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cell membrane; Multi-pass membrane

protein (By similarity).

SIMILARITY Belongs to the G-protein coupled receptor

1 family.

Important Note This product as supplied is intended for

research use only, not for use in human,

therapeutic or diagnostic applications.

Background Descriptions

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. GPR162 is a 588 amino acid multi-pass membrane protein that functions as an orphan receptor and belongs to the GPR1 family. Existing as two alternatively spliced isoforms, the gene encoding GPR162 maps to human chromosome 12p13.31. Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and trisomy 12p, which causes facial developmental defects and seizure disorders.

GPR162 Polyclonal Antibody - Additional Information

Gene ID 27239

Other Names

Probable G-protein coupled receptor 162, Gene-rich cluster gene A protein, GPR162, GRCA

Dilution



WB~~1:1000 <span class<="" th="">
="dilution_IHC-P">IHC-P~~N/A <span class<="" td="">
="dilution_IHC-F">IHC-F~~N/A <span class<="" td="">
="dilution IF">IF~~1:50~200 ICC~~N/A <br< td=""></br<>
\> E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 $^{\circ}$ C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 $^{\circ}$ C.

GPR162 Polyclonal Antibody - Protein Information

Name GPR162

Synonyms GRCA

Function

Orphan receptor.

Cellular Location

Cell membrane; Multi-pass membrane protein

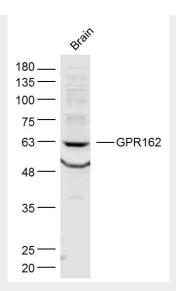
GPR162 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GPR162 Polyclonal Antibody - Images





Sample:

Brain (Mouse) Lysate at 40 ug

Primary: Anti-GPR162 (bs-15386R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 64 kD Observed band size: 63 kD