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GPR162 Rabbit pAb

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Catalog # AP55974

Product Information

Application	WB
Primary Accession	Q16538
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63930
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GPR162
Epitope Specificity	111-210/588
Isotype	IgG
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).
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.

Additional Information

Gene ID	27239
Other Names	Probable G-protein coupled receptor 162, Gene-rich cluster gene A protein, GPR162, GRCA
Dilution	WB=1:500-2000
Storage	Store at -20 °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 °C.

Protein Information

Name	GPR162
Synonyms	GRCA
Function	Orphan receptor.
Cellular Location	Cell membrane; Multi-pass membrane protein

Background

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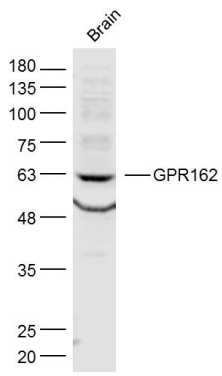
Images



Sample:
Brain (Mouse) Lysate at 40 ug
Primary: Anti-GPR162 (AP55974) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 64 kD
Observed band size: 63 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.