

Anti-GPR162 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 64 kDa. Actual: 63 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Brain (Mouse) Lysate at 40 µg Primary: Anti-GPR162 (TMAB-06698) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 64 kD Observed band size: 63 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human GPR162
Antigen Species:	Human
Gene ID:	27239
Uniprot ID:	Q16538

Research 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. 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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