

Anti-CNGA2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Rabbit)
Molecular Weight:	Theoretical: 73 kDa. Actual: 73 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Kidney (Mouse) Lysate at 40 µg Primary: Anti-CNGA2 (TMAB-04486) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 73 kD Observed band size: 73 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 CNGA2
Antigen Species:	Human
Gene ID:	1260
Uniprot ID:	Q16280

Research Background

odorant signal transduction is probably mediated by a G-protein coupled cascade using cAMP as second messenger. CNGA2 belongs to the cyclic nucleotide-gated cation channel (TC 1.A.1.5) family and contains one cyclic nucleotide-binding domain. It may be involved in odorant signal transduction. The olfactory channel can be shown to be activated by cyclic nucleotides which leads to a depolarization of olfactory sensory neurons.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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