



CNG-2 Polyclonal Antibody

Catalog No	YP-Ab-16409
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IF;ELISA
Gene Name	CNGA2
Immunogen	The antiserum was produced against synthesized peptide derived from human CNGA2. AA range:391-440
Specificity	CNG-2 Polyclonal Antibody detects endogenous levels of CNG-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Cyclic nucleotide-gated channel alpha-2;CNG-2;CNG channel alpha-2;CNCG2;CNCA1;CNGA2;Cyclic nucleotide-gated olfactory channel;CNCA;Cyclic nucleotide-gated cation channel 2;CNG2
Observed Band	83kD
Calculated Molecular Weight	83kD
Cell Pathway	Membrane; Multi-pass membrane protein.
Tissue Specificity	Testis,
Function	function:Odorant signal transduction is probably mediated by a G-protein coupled cascade using cAMP as second messenger. The olfactory channel can be shown to be activated by cyclic nucleotides which leads to a depolarization of olfactory sensory neurons.,similarity:Belongs to the cyclic nucleotide-gated cation channel (TC 1.A.1.5) family.,similarity:Contains 1 cyclic nucleotide-binding domain.,



Background

The protein encoded by this gene represents the alpha subunit of a cyclic nucleotide-gated olfactory channel. The encoded protein contains a carboxy-terminal leucine zipper that mediates channel formation. [provided by RefSeq, Jan 2010],

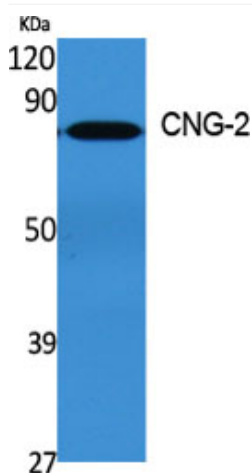
matters needing attention

Avoid repeated freezing and thawing!

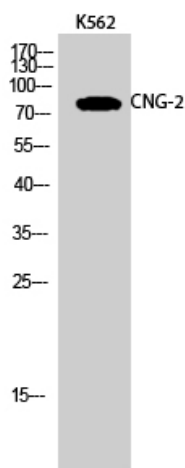
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

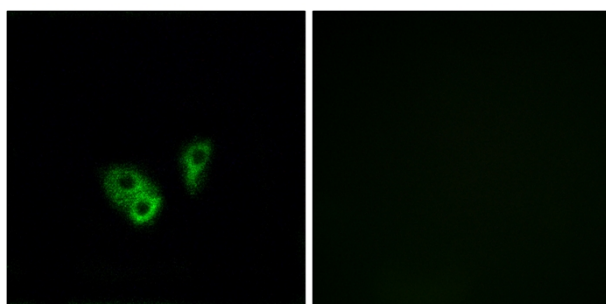
Products Images



Western Blot analysis of various cells using CNG-2 Polyclonal Antibody



Western Blot analysis of K562 cells using CNG-2 Polyclonal Antibody



Immunofluorescence analysis of A549 cells, using CNGA2 Antibody. The picture on the right is blocked with the synthesized peptide.