Product Name: CNG-2 Rabbit Polyclonal Antibody
Catalog #: APRab09117

Summary

Production Name	CNG-2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CNGA2
Alternative Names	CNGA2; CNCA; CNCA1; CNCG2; Cyclic nucleotide-gated olfactory channel; Cyclic nucleotide-gated cation channel 2; Cyclic nucleotide-gated channel alpha-2; CNG channel alpha-2; CNG-2; CNG2
Gene ID	1260.0
SwissProt ID	Q16280.The antiserum was produced against synthesized peptide derived from human CNGA2. AA range:391-440

Application

Dilution Ratio	WB 1:500-1:2000, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:40000.Not yet tested in other applications.

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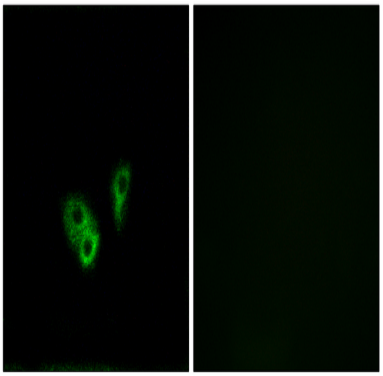
Molecular Weight 83kDa

Background

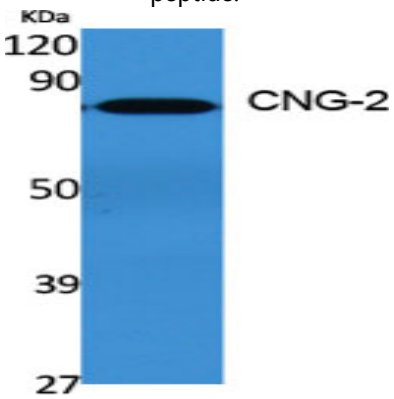
The protein encoded by this gene represents the alpha subunit of a cyclic nucleotide-gated olfactory channel. The encoded protein contains a carboxy-terminal leucine zipper that mediates channel formation. [provided by RefSeq, Jan 2010],function:Odorant signal transduction is probably mediated by a G-protein 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.,

Research Area

Image Data



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



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

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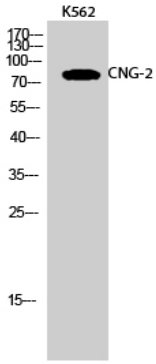

Western Blot analysis of K562 cells using CNG-2 Polyclonal Antibody

Note

For research use only.