



Rabbit Anti-CNGA2 antibody

SL2074R

Product Name:	CNGA2
Chinese Name:	环核苷酸阳离子Channel protein α 2抗体
Alias:	CNCA; CNCA1; CNG2; FLJ46312; OCNC1; OCNCa; OCNCALPHA; olfactory cyclic nucleotide-gated ion channel alpha subunit; olfactory ion channel protein; Cyclic nucleotide-gated olfactory channel; Cyclic nucleotide-gated cation channel 2; Cyclic nucleotide-gated channel alpha-2; CNG channel alpha-2; CNG-2; Cyclic nucleotide-gated olfactory channel subunit OCNC1; CNGA2_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	73kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CNGA2:155-250<Cytoplasmic>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

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.

Subcellular Location:

Membrane; Multi-pass membrane protein.

Similarity:

Belongs to the cyclic nucleotide-gated cation channel (TC 1.A.1.5) family. CNGA2 subfamily.

Contains 1 cyclic nucleotide-binding domain.

SWISS:

Q16280

Gene ID:

1260

Database links:

[Entrez Gene: 1260](#)Human

[Entrez Gene: 12789](#)Mouse

[Entrez Gene: 25411](#)Rat

[Omim: 300338](#)Human

[SwissProt: Q16280](#)Human

[SwissProt: Q62398](#)Mouse

[SwissProt: Q00195](#)Rat

[Unigene: 447360](#)Human

[Unigene: 5097](#)Mouse

[Unigene: 10384](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

环核苷酸阳离子Channel protein α 2为阳离子通道结构蛋白。

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