

CNG-2 Rabbit pAb

CatalogNo: YT0997

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IF, ELISA

MW

- 83kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000**IF 1:200-1:1000****ELISA 1:40000****Not yet tested in other applications.**

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human CNGA2. AA range: 391-440

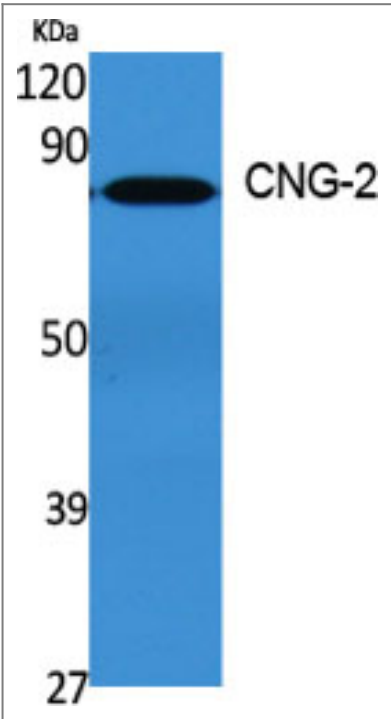
Specificity

CNG-2 Polyclonal Antibody detects endogenous levels of CNG-2 protein.

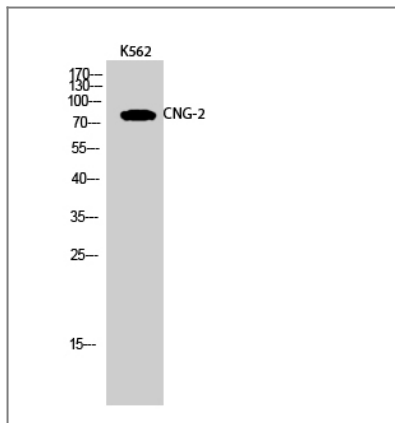
Target Information

Gene name	CNGA2												
Protein Name	Cyclic nucleotide-gated olfactory channel												
	<table><tr><th>Organism</th><th>Gene ID</th><th>UniProt ID</th></tr><tr><td>Human</td><td>1260;</td><td>Q16280;</td></tr><tr><td>Mouse</td><td>12789;</td><td>Q62398;</td></tr><tr><td>Rat</td><td>25411;</td><td>Q00195;</td></tr></table>	Organism	Gene ID	UniProt ID	Human	1260 ;	Q16280 ;	Mouse	12789 ;	Q62398 ;	Rat	25411 ;	Q00195 ;
Organism	Gene ID	UniProt ID											
Human	1260 ;	Q16280 ;											
Mouse	12789 ;	Q62398 ;											
Rat	25411 ;	Q00195 ;											
Cellular Localization	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.,												

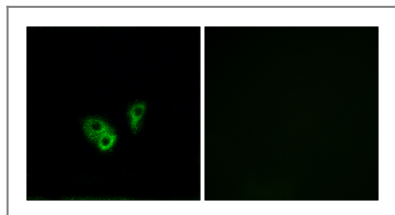
Validation Data



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.

Contact information

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Please scan the QR code
 to access additional
 product information:
CNG-2 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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