

CNGA2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51097

Specification

CNGA2 Antibody - Product Information

Application	WB
Primary Accession	Q16280
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	83 KDa
Antigen Region	381 - 440

CNGA2 Antibody - Additional Information

Gene ID 1260

Other Names

Cyclic nucleotide-gated olfactory channel, Cyclic nucleotide-gated cation channel 2, Cyclic nucleotide-gated channel alpha-2, CNG channel alpha-2, CNG-2, CNG2, CNGA2, CNCA, CNCA1, CNCG2

Target/Specificity

KLH conjugated synthetic peptide derived from human CNGA2

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CNGA2 Antibody - Protein Information

Name CNGA2

Synonyms CNCA, CNCA1, CNCG2

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.

Cellular Location

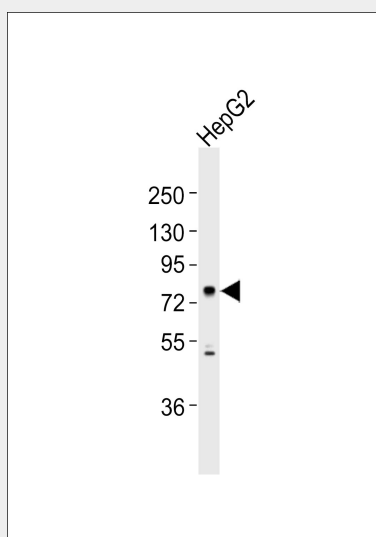
Membrane; Multi-pass membrane protein.

CNGA2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CNGA2 Antibody - Images



Anti-CNGA2 Antibody at 1:1000 dilution + HepG2 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 76 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

CNGA2 Antibody - Background

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.

CNGA2 Antibody - References

Distler M., et al. *Neuropharmacology* 33:1275-1282 (1994).
Sjoeblom T., et al. *Science* 314:268-274 (2006).