

Product datasheet

Anti-CNGA2 antibody ab96410

[2 Images](#)

Overview

Product name	Anti-CNGA2 antibody
Description	Rabbit polyclonal to CNGA2
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Cow
Immunogen	Recombinant fragment, corresponding to a sequence within amino acids 412-653 of Human CNGA2 (NP_005131).
Positive control	293T, A431 and HepG2 whole cell lysates; SG xenograft tissue; H1299 and HeLa cell lysates

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 10% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab96410** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 76 kDa.
IHC-P		1/100 - 1/500.

Target

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.

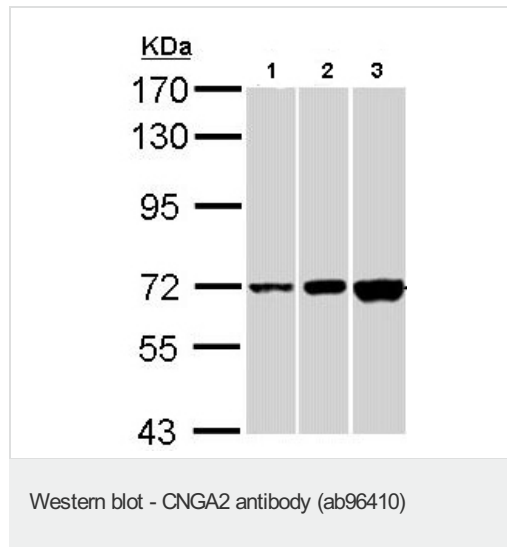
Sequence similarities

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

Cellular localization

Membrane.

Images



All lanes : Anti-CNGA2 antibody (ab96410)
at 1/1000 dilution

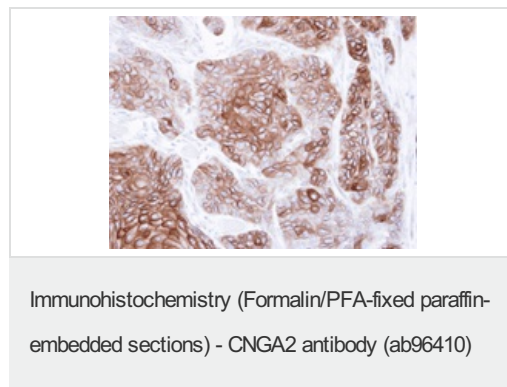
Lane 1 : 293T whole cell lysate

Lane 2 : A431 whole cell lysate

Lane 3 : HepG2 whole cell lysate

Lysates/proteins at 30 µg per lane.

Predicted band size : 76 kDa



ab96410, at 1/500 dilution, staining CNGA2 in paraffin-embedded SG xenograft by Immunohistochemistry.

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