

Rabbit anti-Human CNGA2 Polyclonal Antibody | anti-CNGA2 antibody

CNGA2 Antibody

CATALOG # AAA307043	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

CNGA2; Polyclonal Antibody; CNGA2 Antibody; cyclic nucleotide gated channel alpha 2; CNCA; CNG2; CNCA1; OCNC1; OCNCa; OCNCALPHA; anti-CNGA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CNGA2 protein.
Form/Format	Supplied at 1mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	2259
Applicable Applications for anti-CNGA2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 475-662 amino acids of human cyclic nucleotide gated channel alpha 2
Target Name	CNGA2
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 31060(CNGA2 Antibody) at dilution 1/25, on the right is treated with the fusion protein.



Application Data

Gel: 10%SDS-PAGE Lysate: 30 ug 293T cell lysate Primary antibody: 1/500 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-CNGA2 antibody	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. 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.
Product Categories/Family for anti-CNGA2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	116496686
NCBI GeneID	1260
Molecular Weight	76,048 Da
NCBI Official Full Name	Homo sapiens cyclic nucleotide gated channel alpha 2, mRNA
NCBI Official Synonym Full Names	cyclic nucleotide gated channel alpha 2
NCBI Official Symbol	CNGA2
NCBI Official Synonym Symbols	CNCA; CNG2; CNCA1; OCNC1; OCNCa; OCNCALPHA
NCBI Protein Information	cyclic nucleotide-gated olfactory channel
UniProt Protein Name	Cyclic nucleotide-gated olfactory channel
UniProt Gene Name	CNGA2
UniProt Synonym Gene Names	CNCA; CNCA1; CNGG2; CNG channel alpha-2; CNG-2; CNG2
UniProt Entry Name	CNGA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cnga2-antibody-immunohistochemistry-western-blot-elisa/307043>