

ARG65736 anti-CNGA2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CNGA2
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CNGA2
Species	Human
Immunogen	Fusion protein of Human CNGA2 (NP_005131.1)
Conjugation	Un-conjugated
Alternate Names	CNG2; Cyclic nucleotide-gated channel alpha-2; CNG channel alpha-2; CNG-2; CNCA; OCNCa; Cyclic nucleotide-gated olfactory channel; OCNCALPHA; OCNC1; Cyclic nucleotide-gated cation channel 2; CNCA1

Application Instructions

Application table	Application	Dilution
	IHC-P	1:10 - 1:50
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Human esophagus cancer, 293T cells	

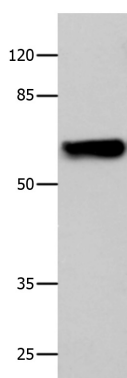
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 40% Glycerol
Preservative	0.05% Sodium azide
Stabilizer	40% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

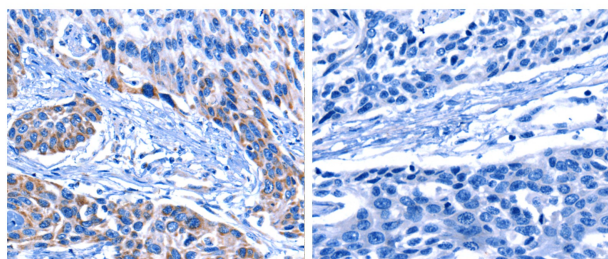
Database links	GeneID: 1260 Human Swiss-port # Q16280 Human
Gene Symbol	CNGA2
Gene Full Name	cyclic nucleotide gated channel alpha 2
Background	The protein encoded by this gene represents the alpha subunit of a cyclic nucleotide-gated olfactory channel. The encoded protein contains a carboxy-terminal leucine zipper that mediates channel formation. [provided by RefSeq, Jan 2010]
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. [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Neuroscience antibody
Calculated Mw	76 kDa

Images



ARG65736 anti-CNGA2 antibody WB image

Western blot: 30 µg of 293T cell lysate stained with ARG65736 anti-CNGA2 antibody at 1:500 dilution.



ARG65736 anti-CNGA2 antibody IHC-P image

Immunohistochemistry: paraffin-embedded Human esophagus cancer tissue stained with ARG65736 anti-CNGA2 antibody (left) at 1:25 dilution, or the same antibody pre-incubated with antigen (right). (Original magnification: X200)