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Datasheet for ABIN7148826 anti-CNGA4 antibody (AA 1-575)

2 Images



Overview

Quantity:	100 µg
Target:	CNGA4
Binding Specificity:	AA 1-575
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNGA4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Cyclic nucleotide-gated cation channel alpha-4 protein (1-575AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

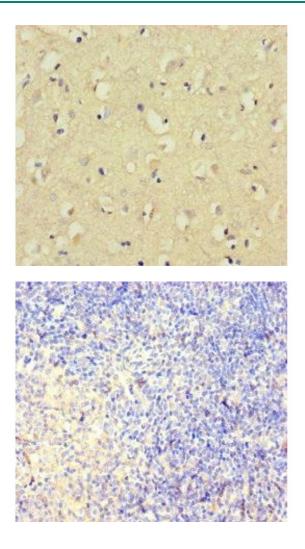
Target Details

Target:	CNGA4
Alternative Name:	CNGA4 (CNGA4 Products)
Background:	Background: Second messenger, cAMP, causes the opening of cation-selective cyclic
	nucleotide-gated (CNG) channels and depolarization of the neuron (olfactory sensory neurons,

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	OSNs). CNGA4 is the modulatory subunit of this channel which is known to play a central role in
	the transduction of odorant signals and subsequent adaptation. By accelerating the calcium-
	mediated negative feedback in olfactory signaling it allows rapid adaptation to odor stimulation
	and extends its range of odor detection.
	Aliases: CNGA4Cyclic nucleotide-gated cation channel alpha-4 antibody, Cyclic nucleotide-
	gated channel alpha-4 antibody, CNG channel alpha-4 antibody, CNG-4 antibody, CNG4
	antibody
UniProt:	Q8IV77
Application Details	

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7148826 at dilution of 1:100

Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7148826 at dilution of 1:100

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