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Datasheet for ABIN7148827

anti-CNGA4 antibody (AA 1-575) (Biotin)

Overview

Quantity:	100 µg
Target:	CNGA4
Binding Specificity:	AA 1-575
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNGA4 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Cyclic nucleotide-gated cation channel alpha-4 protein (1-575AA)
Isotype:	IgG
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,

Target Details

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: Optimal working dilution should be determined by the investigator.

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.