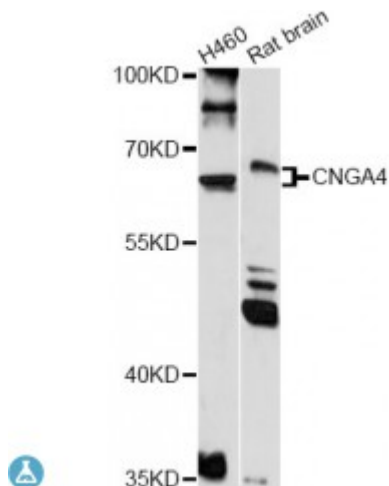


Anti-CNGA4 Antibody



Model	STJ116920
Host	Rabbit
Reactivity	Human, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 416-575 of human CNGA4 (NP_001032406.1).
Gene ID	1262
Gene Symbol	CNGA4
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Cyclic nucleotide-gated cation channel alpha-4 Cyclic nucleotide-gated channel alpha-4 CNG channel alpha-4 CNG-4 CNG4
Molecular Weight	65.999 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:2152OMIM:609472Reactome:R-HSA-5620916
Alternative Names	Cyclic nucleotide-gated cation channel alpha-4 Cyclic nucleotide-gated

channel alpha-4 CNG channel alpha-4 CNG-4 CNG4

Function

Second messenger, cAMP, causes the opening of cation-selective cyclic nucleotide-gated (CNG) channels and depolarization of the neuron (olfactory sensory neurons, OSNs), CNGB4 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 ,

Cellular Localization

Membrane

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