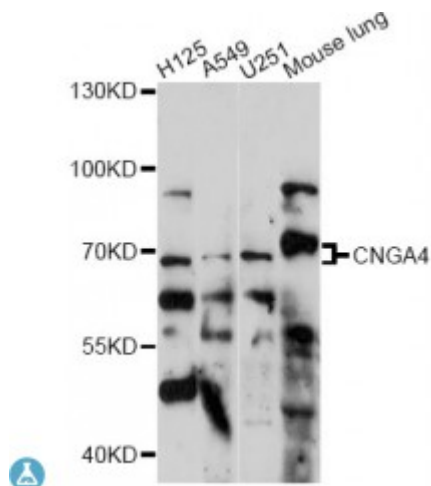


## Anti-CNGA4 Antibody



|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>               | STJ116919                                                                                                              |
| <b>Host</b>                | Rabbit                                                                                                                 |
| <b>Reactivity</b>          | Human, Mouse                                                                                                           |
| <b>Applications</b>        | WB                                                                                                                     |
| <b>Immunogen</b>           | Recombinant fusion protein containing a sequence corresponding to amino acids 416-575 of human CNGA4 (NP_001032406.1). |
| <b>Gene ID</b>             | <a href="#">1262</a>                                                                                                   |
| <b>Gene Symbol</b>         | <a href="#">CNGA4</a>                                                                                                  |
| <b>Dilution range</b>      | WB 1:500 - 1:2000                                                                                                      |
| <b>Purification</b>        | Affinity purification                                                                                                  |
| <b>Note</b>                | For Research Use Only (RUO).                                                                                           |
| <b>Protein Name</b>        | Cyclic nucleotide-gated cation channel alpha-4 Cyclic nucleotide-gated channel alpha-4 CNG channel alpha-4 CNG-4 CNG4  |
| <b>Molecular Weight</b>    | 65.999 kDa                                                                                                             |
| <b>Clonality</b>           | Polyclonal                                                                                                             |
| <b>Conjugation</b>         | Unconjugated                                                                                                           |
| <b>Isotype</b>             | IgG                                                                                                                    |
| <b>Formulation</b>         | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                      |
| <b>Storage Instruction</b> | Store at -20C. Avoid freeze / thaw cycles.                                                                             |
| <b>Database Links</b>      | <a href="#">HGNC:2152OMIM:609472Reactome:R-HSA-5620916</a>                                                             |
| <b>Alternative Names</b>   | 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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