

## CNGA4 Antibody

Catalog No: #46522



Package Size: #46522-1 50ul #46522-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

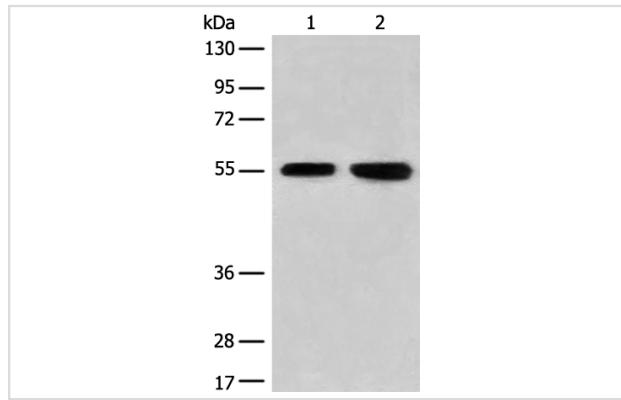
## Description

Product Name	CNGA4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CNGA4 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human CNGA4
Target Name	CNGA4
Other Names	CNG4; CNG5; CNCA2; CNG-4; CNGB2; OCNC2; OCNCb; OCNCBETA
Accession No.	Swiss-Prot:Q8IV77NCBI Gene ID:1262NCBI Protein:NP_001032406
Calculated MW	66 kDa
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:200-1:1000

## Images



Gel: 8%SDS-PAGE  
 lysate: 40  $\mu$ g, Lane 1-2: Human cerebella tissue and Human cerebrum tissue lysates,  
 Primary antibody: 46522B $\mu$ B<sup>+</sup>CNGA4 Antibody) at dilution 1/300  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,  
 Exposure time: 5 seconds

## Background

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

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.