CNGA4 Antibody

Catalog No: #46522

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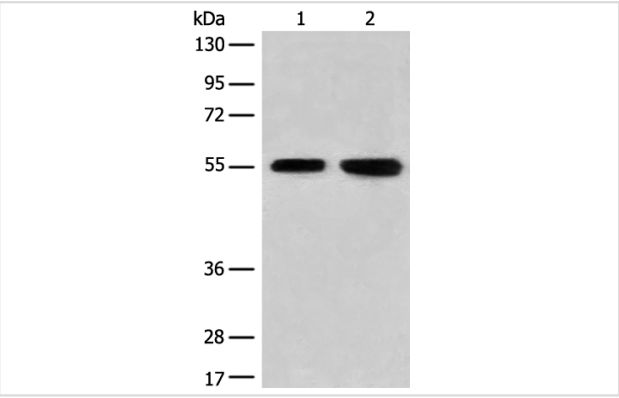
Description

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
Uniprot	Q8IV77
GeneID	1262;
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 B¦Γ g, Lane 1-2: Human cerebella tissue and Human cerebrum tissue lysates,
Primary antibody: 46522B£B¨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.

Note: This product is for in vitro research use only