

Rabbit anti-Mouse CNGA4 Polyclonal Antibody | anti-CNGA4 antibody

CNGA4 Antibody (N-term)

CATALOG # AAA288752	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

CNGA4; Polyclonal Antibody; CNGA4 Antibody (N-term); Cyclic nucleotide-gated cation channel alpha-4; Cyclic nucleotide-gated channel alpha-4; CNG channel alpha-4; CNG-4; CNG4; anti-CNGA4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CNGA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 131-160 amino acids from the N-terminal region of human CNGA4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	131-160
Sequence Length	575
Applicable Applications for anti-CNGA4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

CNGA4 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CNGA4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

CNGA4 Antibody (N-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the CNGA4 antibody detected the CNGA4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CNGA4 antibody	CNGA4 is a modulatory subunit of vertebrate cyclic nucleotide-gated membrane channels that transduce odorant signals (Munger et al., 2001 [PubMed 11739959]).
Product Categories/Family for anti-CNGA4 antibody	Neuroscience; Signal Transduction
References	Hofmann, F., et al. Pharmacol. Rev. 57(4):455-462(2005) Kelliher, K.R., et al. Proc. Natl. Acad. Sci. U.S.A. 100(7):4299-4304(2003) Bradley, J., et al. Science 294(5549):2095-2096(2001) Munger, S.D., et al. Science 294(5549):2172-2175(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	82617546
NCBI GeneID	1262
NCBI Accession #	NP_001032406.1
NCBI GenBank Nucleotide #	NM_001037329.3
UniProt Accession #	Q8IV77
Molecular Weight	65999
NCBI Official Full Name	cyclic nucleotide-gated cation channel alpha-4
NCBI Official Synonym Full Names	cyclic nucleotide gated channel alpha 4
NCBI Official Symbol	CNGA4
NCBI Official Synonym Symbols	CNG4; CNG5; CNCA2; CNG-4; CNGB2; OCNC2; OCNCb; OCNCBETA
NCBI Protein Information	cyclic nucleotide-gated cation channel alpha-4
UniProt Protein Name	Cyclic nucleotide-gated cation channel alpha-4
UniProt Gene Name	CNGA4
UniProt Synonym Gene Names	CNG channel alpha-4; CNG-4; CNG4
UniProt Entry Name	CNGA4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cnga4-antibody-immunohistochemistry-western-blot-elisa/288752>