

Rabbit CNGA2 Polyclonal Antibody | anti-CNGA2 antibody

CNGA2 Antibody (N-term)

CATALOG # AAA288230	HOST Rabbit	REACTIVITY Mouse (Predicted Reactivity: Bovine)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

CNGA2; Polyclonal Antibody; CNGA2 Antibody (N-term); Cyclic nucleotide-gated olfactory channel; Cyclic nucleotide-gated cation channel 2; Cyclic nucleotide-gated channel alpha-2; CNG channel alpha-2; CNG-2; CNG2; CNCA; CNCA1; CNGC2; anti-CNGA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CNGA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 190-218 amino acids from the N-terminal region of human CNGA2.
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	190-218
Sequence Length	664
Applicable Applications for anti-CNGA2 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)

CNGA2 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 CNGA2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

CNGA2 Antibody (N-term) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the CNGA2 antibody detected the CNGA2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CNGA2 antibody	The protein encoded by this gene represents the alpha subunit of a cyclic nucleotide-gated olfactory channel. The encoded protein contains a carboxy-terminal leucine zipper that mediates channel formation.
Product Categories/Family for anti-CNGA2 antibody	Cardiovascular; Neuroscience
References	Qu, W., et al. J. Gen. Physiol. 127(4):375-389(2006) Hofmann, F., et al. Pharmacol. Rev. 57(4):455-462(2005) Yoo, D., et al. J. Biol. Chem. 279(8):6863-6873(2004) Cheng, K.T., et al. Histochem. Cell Biol. 120(6):475-481(2003) Trudeau, M.C., et al. J. Biol. Chem. 278(21):18705-18708(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	42718011
NCBI GeneID	1260
NCBI Accession #	NP_005131.1
NCBI GenBank Nucleotide #	NM_005140.1
UniProt Accession #	Q16280; A0AVD0
Molecular Weight	76048
NCBI Official Full Name	cyclic nucleotide-gated olfactory channel
NCBI Official Synonym Full Names	cyclic nucleotide gated channel alpha 2
NCBI Official Symbol	CNGA2
NCBI Official Synonym Symbols	CNCA; CNG2; CNCA1; OCNC1; OCNCa; OCNCALPHA
NCBI Protein Information	cyclic nucleotide-gated olfactory channel
UniProt Protein Name	Cyclic nucleotide-gated olfactory channel
UniProt Gene Name	CNGA2
UniProt Synonym Gene Names	CNCA; CNCA1; CNCG2; CNG channel alpha-2; CNG-2; CNG2
UniProt Entry Name	CNGA2_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/cnga2-antibody-immunohistochemistry-western-blot-elisa/288230>