

CNGA2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14486a

Product Information

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|--------------------------|--|
| Application | WB, IHC-P, E |
| Primary Accession | Q16280 |
| Other Accession | Q03041 , NP_005131.1 |
| Reactivity | Mouse |
| Predicted | Bovine |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Clone Names | RB32597 |
| Antigen Region | 190-218 |

Additional Information

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|---------------------------|---|
| Other Names | Cyclic nucleotide-gated olfactory channel, Cyclic nucleotide-gated cation channel 2, Cyclic nucleotide-gated channel alpha-2, CNG channel alpha-2, CNG-2, CNG2, CNGA2, CNCA, CNCA1, CNCG2 |
| Target/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. |
| Dilution | WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration. |
| 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. |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Precautions | CNGA2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

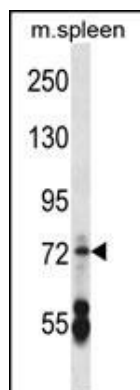
Background

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.

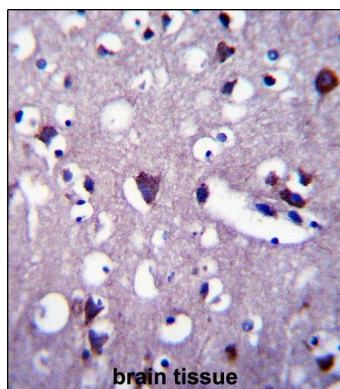
References

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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)

Images



CNGA2 Antibody (N-term) (Cat. #AP14486a) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the CNGA2 antibody detected the CNGA2 protein (arrow).



CNGA2 Antibody (N-term) (Cat. #AP14486a) 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.

Citations

- [Genetic dissection of pheromone processing reveals main olfactory system-mediated social behaviors in mice.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.