

Product datasheet for **AP50984PU-N**

CNGA4 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western blot: 1/100 - 1/500. Immunohistochemistry on paraffin sections: 1/10 - 1/50.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 138-168 amino acids from the N-terminal region of human CNGA4
Specificity:	This antibody reacts to CNGA4.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	54kd Isoform 2. 65999 Da
Gene Name:	cyclic nucleotide gated channel alpha 4
Database Link:	Entrez Gene 1262 Human Q8IV77
Background:	CNGA4 is a modulatory subunit of vertebrate cyclic nucleotide-gated membrane channels that transduce odorant signals (Munger et al., 2001 [PubMed 11739959]).



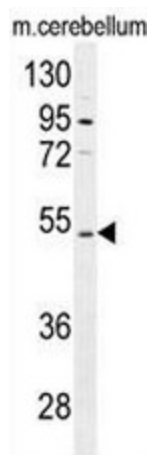
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Synonyms: CNG channel alpha-4, CNG-4, CNG4

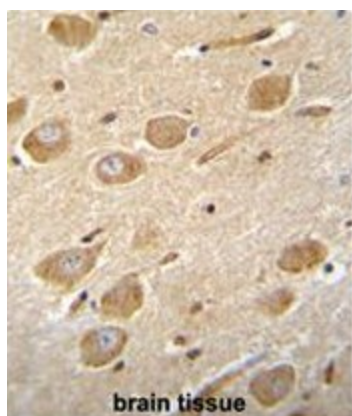
Protein Families: Druggable Genome, Ion Channels: Cyclic nucleotide gated, Transmembrane

Protein Pathways: Olfactory transduction

Product images:



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



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.