

Datasheet for ABIN951584

**anti-CNGA4 antibody (N-Term)**[Go to Product page](#)**2** Images

## Overview

Quantity:	0.4 mL
Target:	CNGA4
Binding Specificity:	AA 138-168, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNGA4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 138-168 amino acids from the N-terminal region of human CNGA4
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CNGA4.
Cross-Reactivity (Details):	Species reactivity (tested):Mouse.
Purification:	Affinity chromatography on Protein A

## Target Details

Target:	CNGA4
Alternative Name:	CNGA4 ( <a href="#">CNGA4 Products</a> )

## Target Details

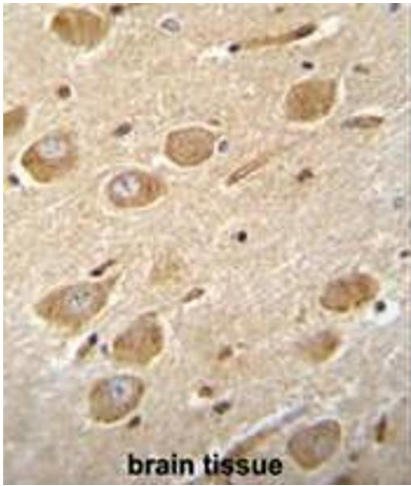
Background:	CNGA4 is a modulatory subunit of vertebrate cyclic nucleotide-gated membrane channels that transduce odorant signals (Munger et al., 2001 [PubMed 11739959]).Synonyms: CNG channel alpha-4, CNG-4, CNG4, Cyclic nucleotide-gated cation channel alpha-4
Molecular Weight:	54kd Isoform 2. 65999 Da
Gene ID:	1262
NCBI Accession:	<a href="#">NP_001032406</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

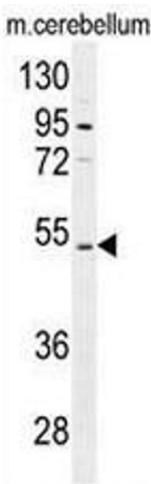
## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** 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.



**Western Blotting**

**Image 2.** CNGA4 Antibody (N-term) western blot analysis in mouse cerebellum tissue lysates (35µg/lane). This demonstrates the CNGA4 antibody detected the CNGA4 protein (arrow).