



[Go to Product page](#)

Datasheet for ABIN2790980
anti-CNIH2 antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	CNIH2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNIH2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human CNIH2
Sequence:	AFCYMLTLVL CASLIFFVIW HIIAFDELRT DFKNPIDQGN PARARERLKN
Predicted Reactivity:	Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against CNIH2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CNIH2
Alternative Name:	CNIH2 (CNIH2 Products)
Background:	The protein encoded by this gene is an auxiliary subunit of the ionotropic glutamate receptor of

Target Details

the AMPA subtype. AMPA receptors mediate fast synaptic neurotransmission in the central nervous system. This protein has been reported to interact with the Type I AMPA receptor regulatory protein isoform gamma-8 to control assembly of hippocampal AMPA receptor complexes, thereby modulating receptor gating and pharmacology. Alternative splicing results in multiple transcript variants.

Alias Symbols: CNIH-2, Cnil

Protein Size: 160

Molecular Weight: 19 kDa

Gene ID: 254263

NCBI Accession: [NM_182553](#), [NP_872359](#)

UniProt: [Q6PI25](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 160 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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 freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: CNIH2 Sample Type: Placenta lysates Antibody Dilution: 1.0ug/ml