

For Research Use Only

# CNIH2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87838-1-PBS



## Basic Information

<b>Catalog Number:</b> 87838-1-PBS	<b>GenBank Accession Number:</b> BC047953	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 254263	<b>CloneNo.:</b> 253503A7
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q6PI25	
<b>Immunogen Catalog Number:</b> AG5533	<b>Full Name:</b> cornichon homolog 2 (Drosophila)	
	<b>Calculated MW:</b> 19 kDa	
	<b>Observed MW:</b> 17 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

CNIH2, or cornichon family AMPA receptor auxiliary protein 2, is an auxiliary subunit of the ionotropic glutamate receptor of the AMPA subtype. CNIH2 has been reported to interact with the Type I AMPA Receptor regulatory protein isoform gamma-8, which controls the assembly of hippocampal AMPA receptor complexes, thereby modulating receptor gating and pharmacology. It has been implicated in various diseases, including schizophrenia, as indicated by its association with different schizophrenia-related disorders.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

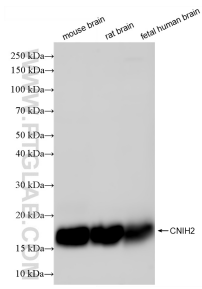
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87838-1-RR (CNIH2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87838-1-PBS in a different storage buffer formulation.