

Datasheet for ABIN391850  
**anti-CABP1 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	CABP1
Binding Specificity:	AA 311-343, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CABP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This CABP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 311-343 amino acids from the C-terminal region of human CABP1.
Clone:	RB15262
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	CABP1
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## Target Details

Alternative Name:	CABP1 ( <a href="#">CABP1 Products</a> )
Background:	CABP1 belongs to a subfamily of calcium binding proteins, which share similarity to calmodulin. Calcium binding proteins are an important component of calcium mediated cellular signal transduction. Expression of this protein was only detected in retina and brain. Study of the mouse homolog demonstrated that groups of cells expressing this protein are located in the center or inner border of the inner unclear layer of retina.
Molecular Weight:	39838
Gene ID:	9478
NCBI Accession:	<a href="#">NP_001028849</a> , <a href="#">NP_004267</a> , <a href="#">NP_112482</a>
UniProt:	<a href="#">Q9NZU7</a>
Pathways:	<a href="#">Synaptic Membrane</a> , <a href="#">Negative Regulation of Transporter Activity</a>

## Application Details

Application Notes:	WB: 1:2000. IHC-P: 1:10~50
Restrictions:	For Research Use only

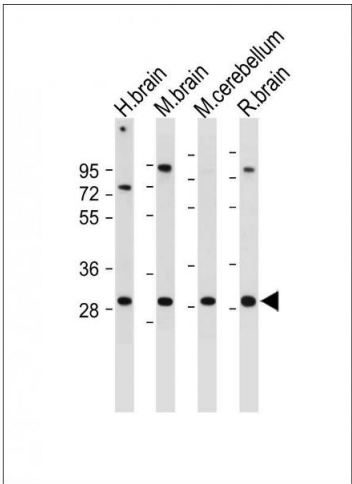
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human brain tissue reacted with CABP1 antibody (C-term) (ABIN391850 and ABIN2841684) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

**Image 2.** All lanes : Anti-CABP1 Antibody (C-term) at 1:2000 dilution Lane 1: Human brain lysate Lane 2: Mouse brain lysate Lane 3: Mouse cerebellum lysate Lane 4: Rat brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.