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Datasheet for ABIN359761 anti-CABP1 antibody (C-Term)

2 Images



Overview

Quantity:	0.4 mL
Target:	CABP1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

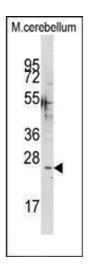
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human CABP1.
Isotype:	lg Fraction
Specificity:	This antibody reacts to CABP1.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	CABP1
Alternative Name:	CABP1 (CABP1 Products)
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

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	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.Synonyms: Calbrain, Calcium-binding protein 1
Gene ID:	9478, 9606
UniProt:	Q9NZU7
Pathways:	Synaptic Membrane, Negative Regulation of Transporter Activity
Application Details	
Application Notes:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Immunohistochemistry: 1/10 - 1/50.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.



Western Blotting

Image 1. Western blot analysis of anti-CABP1 Antibody (C-term) in mouse cerebellum tissue lysates (35ug/lane).CABP1(arrow) was detected using the purified Pab (1:60 dilution).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human brain tissue reacted with CABP1 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.

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