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Datasheet for ABIN7042980 anti-CABP1 antibody (C-Term, Intracellular)



Overview

Image

Overview	
Quantity:	25 µL
Target:	CABP1
Binding Specificity:	AA 256-270, C-Term, Intracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CABP1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)REAMRKLLGHQVGHR, corresponding to amino acid residues 256-
	270 of rat CaBP1
lsotype:	IgG
Characteristics:	Anti-CaBP1 Antibody is directed against an epitope of rat Calcium-binding protein 1. Anti-CaBP1
	Antibody (ABIN7042980, ABIN7044206 and ABIN7044207)) can be used in western blot
	analysis. It has been designed to recognize CaBP1 from rat, mouse and human samples.

Purification:

Target Details

Target: CABP1

Affinity purified on immobilized antigen.

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Target Details

Alternative Name:	CaBP1 (CABP1 Products)
Background:	Alternative names: CaBP1, Calcium-binding protein 1, Caldendrin, Calbrain
Gene ID:	171051
NCBI Accession:	NM_001033677
UniProt:	088751
Pathways:	Synaptic Membrane, Negative Regulation of Transporter Activity

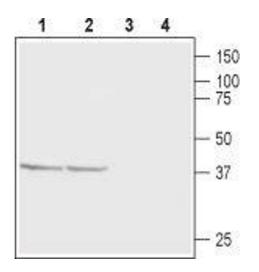
Application Details

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

Handling

Format:	Lyophilized
Reconstitution:	25 μL , 50 μL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % 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:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).

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Western Blotting

Image 1. Western blot analysis of rat (lanes 1 and 3) and mouse (lanes 2 and 4) brain membranes: - 1,2. Anti-CaBP1 Antibody (ABIN7042980, ABIN7044206 and ABIN7044207), (1:600).3,4. Anti-CaBP1 Antibody, preincubated with CaBP1 Blocking Peptide (#BLP-CS002).

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