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Datasheet for ABIN2774384
anti-CABP1 antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	CABP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CABP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	TPQSSGDPSS RRPLCRPAPR EEGARGSQRV LPQAHCRPRE ALPAAASRPS
Predicted Reactivity:	Human: 100%, Mouse: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against CABP1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CABP1
Alternative Name:	CABP1 (CABP1 Products)
Background:	The product of this gene belongs to a subfamily of calcium binding proteins, which share similarity to calmodulin. Calcium binding proteins are an important component of calcium

Target Details

mediated cellular signal transduction. Expression of this gene 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. Three alternatively spliced variants encoding different isoforms have been described.

Alias Symbols: CALBRAIN, HCALB_BR

Protein Interaction Partner: FOS, CACNA1A, ITPR3, ITPR1, CSNK2A2, CACNA1C, Camk2g, NMT1, GRK5, PPP3R1,

Protein Size: 370

Molecular Weight: 40 kDa

Gene ID: 9478

NCBI Accession: [NM_001033677](#), [NP_001028849](#)

UniProt: [Q9NZU7](#)

Pathways: [Synaptic Membrane](#), [Negative Regulation of Transporter Activity](#)

Application Details

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

Comment: Antigen size: 370 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

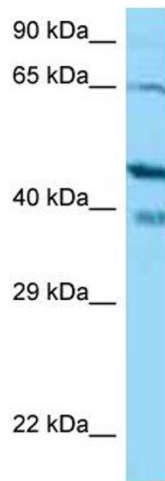
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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.