

Rabbit anti-Rat, Mouse CABP Polyclonal Antibody | anti-CABP antibody

CABP Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318996	Rabbit	Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

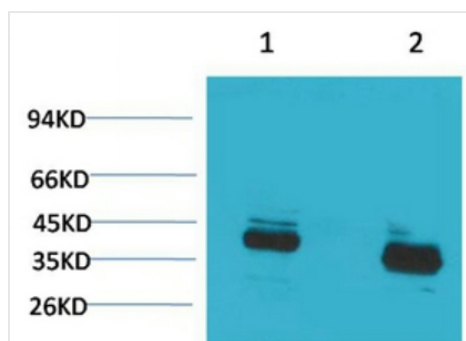
PRODUCT SYNONYMS

CABP; Polyclonal Antibody; CABP Rabbit Polyclonal Antibody; Calcium-binding protein 1 (CaBP1)(Calbrain)(Caldendrin); YM3491; BH6842; anti-CABP antibody

PRODUCT SPECIFICATIONS

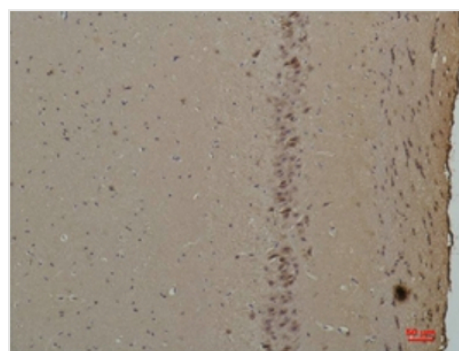
Host	Rabbit
Reactivity	Rat, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous CABP protein
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CABP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of CABP
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain Tissue with CABP Rabbit pAb diluted at 1:2,000.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using CABP Rabbit pAb diluted at 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-CABP antibody	Calcium binding proteins are an important component of calcium mediated cellular signal transduction. This gene encodes a protein that belongs to a subfamily of calcium binding proteins which share similarity to calmodulin. The protein encoded by this gene regulates the gating of voltage-gated calcium ion channels. This protein inhibits calcium-dependent inactivation and supports calcium-dependent facilitation of ion channels containing voltage-dependent L-type calcium channel subunit alpha-1C. This protein also regulates calcium-dependent activity of inositol 1,4,5-triphosphate receptors, P/Q-type voltage-gated calcium channels, and transient receptor potential channel TRPC5. This gene is predominantly expressed in retina and brain. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2012]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76056882
NCBI GeneID	9478
NCBI Accession #	NP_001028849.1
NCBI GenBank Nucleotide #	NM_001033677.1
UniProt Accession #	Q9NZU7; Q95663; Q8N6H5; Q9NZU8
Molecular Weight	39,838 Da
NCBI Official Full Name	calcium-binding protein 1 isoform 3
NCBI Official Synonym Full Names	calcium binding protein 1
NCBI Official Symbol	CABP1
NCBI Official Synonym Symbols	CALBRAIN; HCALB_BR
NCBI Protein Information	calcium-binding protein 1; caldendrin; OTTHUMP00000210617; OTTHUMP00000210618; OTTHUMP00000210619; OTTHUMP00000210620; calcium binding protein 5
UniProt Protein Name	Calcium-binding protein 1
UniProt Gene Name	CABP1
UniProt Entry Name	CABP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cabp-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/318996>