

Rabbit CABP1 Polyclonal Antibody | anti-CABP1 antibody

CABP1 Polyclonal Antibody

CATALOG # AAA179170	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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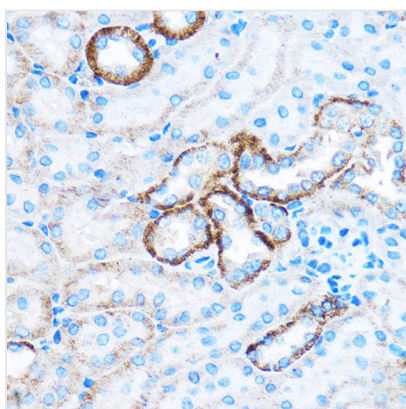
PRODUCT SYNONYMS

CABP1; Polyclonal Antibody; CABP1 Polyclonal Antibody; CALBRAIN; HCALB_BR; anti-CABP1 antibody

PRODUCT SPECIFICATIONS

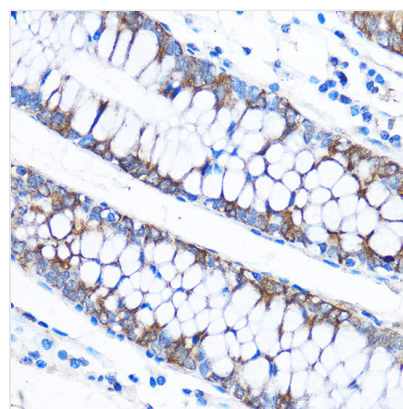
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CABP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human CABP1
Research Area	Neuroscience, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



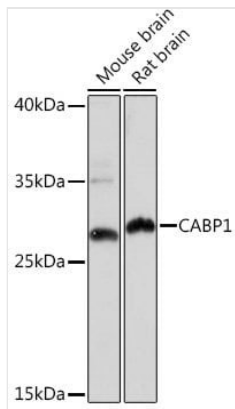
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse kidney using CABP1 Polyclonal Antibody at dilution of 1:50 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon using CABP1 Polyclonal Antibody at dilution of 1:50 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using CABP1 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CABP1 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]
Product Categories/Family for anti-CABP1 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	76056882
NCBI GeneID	9478
NCBI Accession #	NP_001028849.1
NCBI GenBank Nucleotide #	NM_001033677.1
UniProt Accession #	Q9NZU7 ; O95663 ; 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.

