

Rabbit anti-Human CABP4 Polyclonal Antibody | anti-CABP4 antibody

CABP4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234548	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

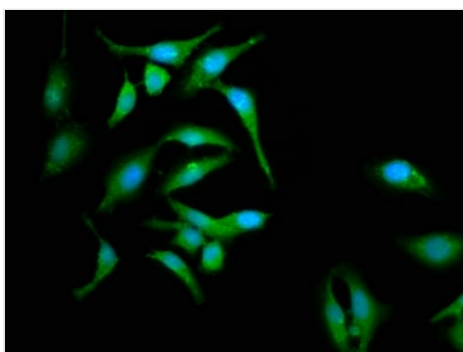
PRODUCT SYNONYMS

CABP4; Polyclonal Antibody; CABP4 Antibody; Calcium-binding protein 4; CaBP4; anti-CABP4 antibody

PRODUCT SPECIFICATIONS

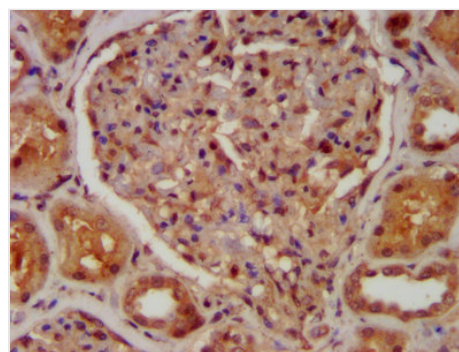
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	170
Applicable Applications for anti-CABP4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Calcium-binding protein 4 protein (1-107AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234548 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234548 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-CABP4 antibody	Involved in normal synaptic function through regulation of Ca(2+) influx and neurotransmitter release in photoreceptor synaptic terminals and in auditory transmission. Modulator of CACNA1D and CACNA1F, suppressing the calcium-dependent inactivation and shifting the activation range to more hyperpolarized voltages (By similarity).
Product Categories/Family for anti-CABP4 antibody	Neuroscience; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	665505979
NCBI GeneID	57010
NCBI Accession #	NP_001287824.1
NCBI GenBank Nucleotide #	NM_001300895.1
UniProt Accession #	P57796; Q8N4Z2; Q8WWY5
Molecular Weight	19,600 Da
NCBI Official Full Name	calcium-binding protein 4 isoform b
NCBI Official Synonym Full Names	calcium binding protein 4
NCBI Official Symbol	CABP4
NCBI Official Synonym Symbols	CRSD; CSNB2B
NCBI Protein Information	calcium-binding protein 4
UniProt Protein Name	Calcium-binding protein 4
UniProt Gene Name	CABP4
UniProt Synonym Gene Names	CaBP4

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/cabp4-antibody-immunofluorescence-immunohistochemistry-elisa/234548>