

Rabbit CaBP7 Polyclonal Antibody | anti-CaBP7 antibody

CaBP7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305151	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CaBP7; Polyclonal Antibody; CaBP7 Antibody; Calcium-binding protein 7; CALN2; Calneuron-2; Calneuron II; anti-CaBP7 antibody

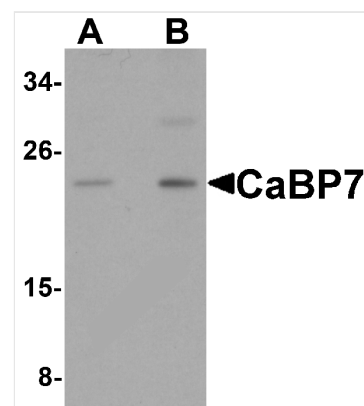
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	215
Applicable Applications for anti-CaBP7 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide near the amino terminus of human CaBP7.
Target Name	CaBP7
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


ICC (Immunocytochemistry)

Immunocytochemistry of CaBP7 in HeLa cells with CaBP7 antibody at 4 ug/mL.


WB (Western Blot)

Western blot analysis of CaBP7 in HeLa cell lysate with CaBP7 antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CaBP7 antibody	Calcium binding proteins (CaBP) play a crucial role in the calcium-mediated cellular signal transduction pathway in the central nervous system. The CaBP family shares much similarity with CaM I (calmodulin), and it has been shown that CaBP proteins can substitute functionally for, and possibly augment the function of, CaM I. CaBP7 (Calcium-binding protein 7), contains two EF-hand domains for calcium binding and shares 70% homology with CaBP8 and 50% homology with CaM I. It negatively regulates Golgi-to-plasma membrane trafficking by interacting with PI4KB and inhibiting its activity. CaBP7 and 8 possess a targeting mechanism that is unique amongst the CaBPs that may contribute to differential functional Ca ²⁺ -sensing by these family members.
Product Categories/Family for anti-CaBP7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	32698884
NCBI GeneID	164633
NCBI Accession #	NP_872333
NCBI GenBank Nucleotide #	NM_182527.2
Molecular Weight	24,453 Da
NCBI Official Full Name	calcium-binding protein 7
NCBI Official Synonym Full Names	calcium binding protein 7
NCBI Official Symbol	CABP7
NCBI Official Synonym Symbols	CALN2
NCBI Protein Information	calcium-binding protein 7
UniProt Protein Name	Calcium-binding protein 7
UniProt Gene Name	CABP7
UniProt Synonym Gene Names	CALN2; CaBP7
UniProt Entry Name	CABP7_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://stage.aaabiotech.com/polyclonal/cabp7-antibody-immunocytochemistry-western-blot-elisa/305151>