

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

PICALM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234636	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

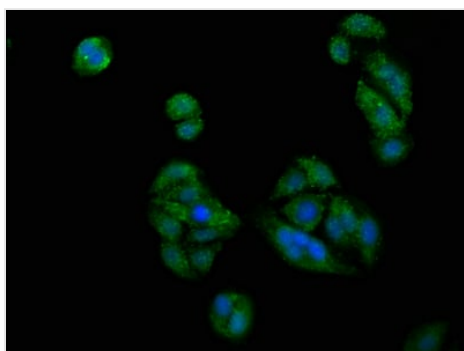
PRODUCT SYNONYMS

PICALM; Polyclonal Antibody; PICALM Antibody; Phosphatidylinositol-binding clathrin assembly protein; Clathrin assembly lymphoid myeloid leukemia protein; CALM; anti-PICALM antibody

PRODUCT SPECIFICATIONS

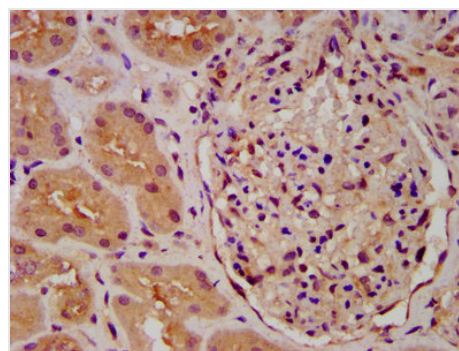
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	610
Applicable Applications for anti-PICALM antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Phosphatidylinositol-binding clathrin assembly protein (517-624AA)
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



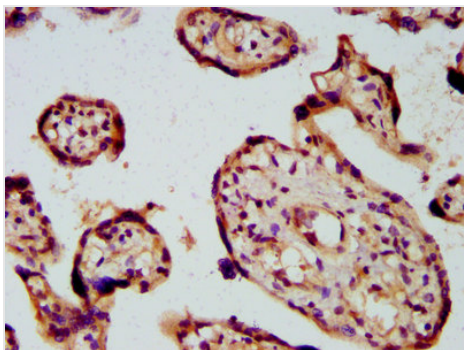
IHC (Immunohistochemistry)

Immunofluorescence staining of HepG2 cells with AAA234636 at 1:200, 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 AAA234636 diluted at 1:600 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM 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.



IHC (Immunohistochemistry)

IHC image of AAA234636 diluted at 1:600 and staining in paraffin-embedded human placenta 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-PICALM antibody	Assembly protein recruiting clathrin and adapter protein complex 2 (AP2) to cell membranes at sites of coated-pit formation and clathrin-vesicle assembly. May be required to determine the amount of membrane to be recycled, possibly by regulating the size of the clathrin cage. Involved in AP2-dependent clathrin-mediated endocytosis at the neuromuscular junction.
Product Categories/Family for anti-PICALM antibody	Neuroscience; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	56788368
NCBI GeneID	8301
NCBI Accession #	NP_001008660.1
NCBI GenBank Nucleotide #	NM_001008660.2
UniProt Accession #	Q13492; O60700; Q4LE54; Q6GMQ6; Q86XZ9; B4DTM3; E9PN05; F8VPG7
Molecular Weight	70,037 Da
NCBI Official Full Name	phosphatidylinositol-binding clathrin assembly protein isoform 2
NCBI Official Synonym Full Names	phosphatidylinositol binding clathrin assembly protein
NCBI Official Symbol	PICALM
NCBI Official Synonym Symbols	LAP; CALM; CLTH
NCBI Protein Information	phosphatidylinositol-binding clathrin assembly protein
UniProt Protein Name	Phosphatidylinositol-binding clathrin assembly protein
UniProt Gene Name	PICALM
UniProt Synonym Gene Names	CALM

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/picalm-antibody-immunofluorescence-immunohistochemistry-elisa/234636>