
PICALM Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254199

Unit: 0.1 mg

Description:

PICALM, also known as the clathrin assembly lymphoid myeloid leukemia (CALM) protein, co-localizes with clathrin at clathrin-coated areas of the plasma membrane and in the Golgi area, and is thought to be an important component of the coated pit internalization machinery. Fusion proteins involving PICALM have been implicated in acute myeloid and T-cell acute lymphoblastic leukemia. PICALM is also expressed in neurons and is present at the synapse where it facilitates the endocytosis of the synaptic vesicle protein VAMP2. Recent studies have identified variants of PICALM associated with Alzheimer's disease and have suggested this protein may play a role in the endocytosis and recycling of the amyloid protein precursor (APP).

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: PICALM; Phosphatidylinositol-binding clathrin assembly protein; LAP; CALM; CLTH

Accession No.: NP_009097

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human PICALM.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.