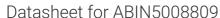
antibodies -online.com





anti-PICALM antibody (AA 251-350) (Alexa Fluor 680)



Go to Product page

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| Quantity: | 100 μL |
|----------------------|--|
| Target: | PICALM |
| Binding Specificity: | AA 251-350 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PICALM antibody is conjugated to Alexa Fluor 680 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human PICALM/CALM |
|-----------------------|---|
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Dog,Cow,Sheep,Horse,Zebrafish |
| Purification: | Purified by Protein A. |

Target Details

| Target: | PICALM |
|-------------------|-------------------------------|
| Alternative Name: | PICALM/CALM (PICALM Products) |

Target Details

Background:

Synonyms: Clathrin assembly lymphoid myeloid leukemia, Clathrin assembly lymphoid myeloid leukemia protein, CLTH, LAP, Phosphatidylinositol-binding clathrin assembly protein, PICAL_HUMAN, PICALM.

Background: Clathrin-coated pits and vesicles are assembled for receptor-mediated endocytosis through interaction with clathrin associated protein complexes. Vesicle transport is mediated from the trans-Golgi network by the adapter complex AP-1 and from the plasma membrane by the AP-2 complex. The AP-1 and AP-2 adapter protein complexes consist of clathrin binding adaptin proteins and two smaller subunits known as AP50 and AP17. The Alpha- and Beta-Adaptin chains have a similar two-domain organization with C-terminal domains that vary in both sequence and length. Alpha-Adaptin splice variants A and C display variable relative expression levels and differential distribution in different tissues. AP180 (also designated AP-3 or F1-20) is a synapse-specific clathrin assembly protein. The protein CALM (clathrin assembly protein lymphoid myeloid leukemia) is highly homologous to AP180 and may also be involved in clathrin assembly.

Pathways:

Synaptic Membrane

Application Details

Application Notes:

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions:

For Research Use only

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 μg/μL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |

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Expiry Date:

12 months