

**bs-11665R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

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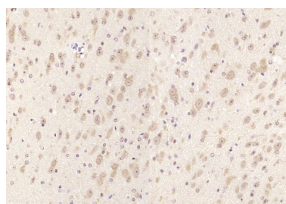
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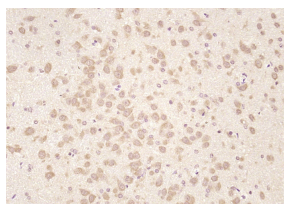
400-901-9800

**PICALM Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 8301	<b>SWISS:</b> Q13492	
<b>Target:</b> PICALM		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Sheep, Cow, Zebrafish, Dog, Horse)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PICALM/CALM: 251-350/652.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 71 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> This gene encodes a clathrin assembly protein, which recruits clathrin and adaptor protein complex 2 (AP2) to cell membranes at sites of coated-pit formation and clathrin-vesicle assembly. The protein may be required to determine the amount of membrane to be recycled, possibly by regulating the size of the clathrin cage. The protein is involved in AP2-dependent clathrin-mediated endocytosis at the neuromuscular junction. A chromosomal translocation t(10;11)(p13;q14) leading to the fusion of this gene and the MLLT10 gene is found in acute lymphoblastic leukemia, acute myeloid leukemia and malignant lymphomas. The polymorphisms of this gene are associated with the risk of Alzheimer disease. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PICALM) Polyclonal Antibody, Unconjugated (bs-11665R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PICALM) Polyclonal Antibody, Unconjugated (bs-11665R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=14.3]** Mengni Bao. et al. PICALM Regulating the Generation of Amyloid  $\beta$ -Peptide to Promote Anthracycline-Induced Cardiotoxicity. ADV SCI. 2024 Jun;;2401945 IHC ;Mouse. 38935046
- **[IF=14.3]** Mengni Bao. et al. PICALM Regulating the Generation of Amyloid  $\beta$ -Peptide to Promote Anthracycline -

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