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Datasheet for ABIN1385889

anti-PICALM antibody (AA 251-350)



Image



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Overview

Quantity:	100 μL
Target:	PICALM
Binding Specificity:	AA 251-350
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PICALM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

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

rarget. PiCALM	Target:	PIC	PICALM						
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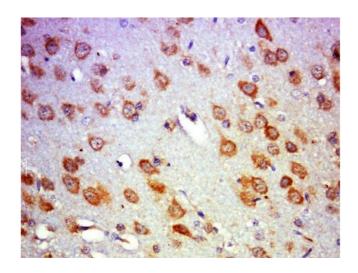
Target Details

- Target Details	
Alternative Name:	PICALM/CALM (PICALM Products)
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 ma
	also be involved in clathrin assembly.
Pathways:	Synaptic Membrane
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Western Blotting

Image 1. 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/CALM Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.