

产品名称: CIB1 Mouse Monoclonal Antibody
产品货号: AMM80555



产品概述 (Summary)

产品名称 (Production Name)	CIB1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CIB1
别名 (Alternative Names)	CIB; KIP; KIP1; SIP2-28
基因 ID (Gene ID)	10519.0
蛋白 ID (SwissProt ID)	Q99828.Purified recombinant fragment of CIB1 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	21.7kDa

研究背景 (Background)

CIB1(also designated calcium and integrin binding 1 or calmyrin),with 191-amino acid protein(about 21kDa), belongs to the calcium-binding protein family.CIB1 is known to interact with DNA-dependent protein kinase and may play a role in kinase-

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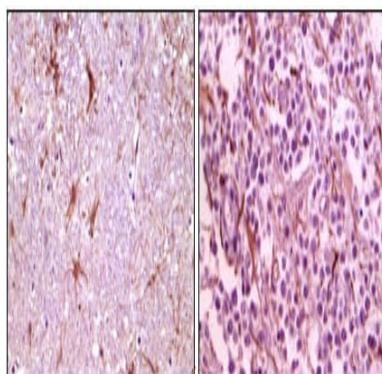


phosphatase regulation of DNA end joining. CIB1 is an EF-hand-containing protein that binds multiple effector proteins, including the platelet $\alpha(\text{IIb})\beta(3)$ integrin and several serine/threonine kinases and potentially modulates their function. CIB1 regulates platelet aggregation in hemostasis through a specific interaction with the $\alpha(\text{IIb})$ cytoplasmic domain of platelet integrin $\alpha(\text{IIb})\beta(3)$. CIB1 is also ubiquitously expressed activating and inhibiting protein ligand of the InsP3R.

研究领域 (Research Area)

Apoptosis

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human thalamus (left) and glioma (right) tissue, showing membrane localization using CIB1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .