

产品名称: PKC beta 2 Rabbit Monoclonal Antibody
产品货号: AMRe03264



产品概述 (Summary)

产品名称 (Production Name)	PKC beta 2 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,IP
种属反应性 (Reactivity)	Human,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
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)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PRKCB
别名 (Alternative Names)	PRKCB; PKCB; PRKCB1; Protein kinase C beta type; PKC-B; PKC-beta
基因 ID (Gene ID)	5579
蛋白 ID (SwissProt ID)	P05771.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 77 kDa; Observed MW: 77 kDa

研究背景 (Background)

Calcium-activated, phospholipid- and diacylglycerol (DAG)-dependent serine/threonine-protein kinase involved in various

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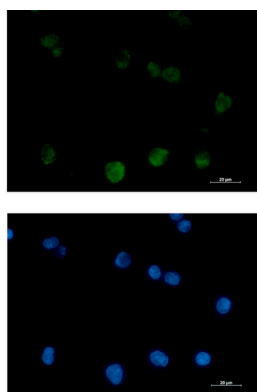


cellular processes such as regulation of the B-cell receptor (BCR) signalosome, oxidative stress-induced apoptosis, androgen receptor-dependent transcription regulation, insulin signaling and endothelial cells proliferation. Plays a key role in B-cell activation by regulating BCR-induced NF-kappa-B activation. Mediates the activation of the canonical NF-kappa-B pathway (NFKB1) by direct phosphorylation of CARD11/CARMA1 at 'Ser-559', 'Ser-644' and 'Ser-652'.

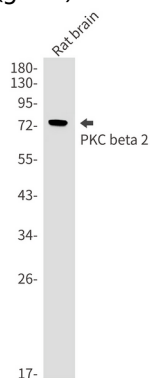
研究领域 (Research Area)

Signal Transduction

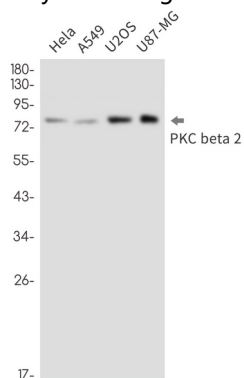
图片 (Image Data)



Immunocytochemistry analysis of PKC beta 2 (green) in K562 using PKC beta 2 antibody, and DAPI(blue).



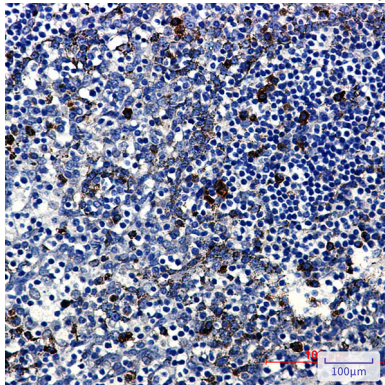
Western blot analysis of PKC beta 2 in rat brain lysates using PKC beta 2 antibody. Observed band size: 77kDa.



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Western blot analysis of PKC beta 2 in Hela, A549, U2OS, U87-MG lysates using PKC beta 2 antibody



Immunohistochemistry analysis of paraffin-embedded Human tonsil using PKC beta 2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .