

Anti-PKC ϵ Rabbit pAb

WL02083

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-PKC ϵ Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:500
	IF	1:500
Cellular localization	Cytoplasm. Cytoplasm, Cytoskeleton. Cell membrane. Nucleus	
Pack size	50/100/200/500/1000 μ l	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

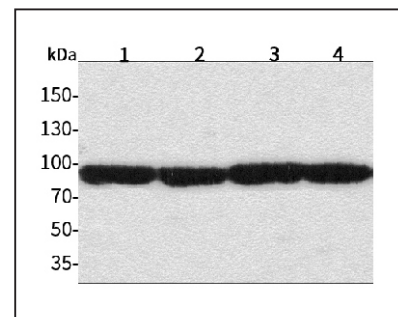
Background	Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and the second messenger diacylglycerol. PKC isoforms belong to three groups based on calcium dependency and activators. Classical PKCs are calcium-dependent via their C2 domains and are activated by phosphatidylserine (PS), diacylglycerol (DAG), and phorbol esters (TPA, PMA) through their cysteine-rich C1 domains. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. PKC ϵ is one of the PKC family members. This kinase has been shown to be involved in many different cellular functions, such as neuron channel activation, apoptosis, cardioprotection from ischemia, heat shock response, as well as insulin exocytosis.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PKC ϵ .
Purification	Polyclonal antibody was purified by protein A affinity chromatography.

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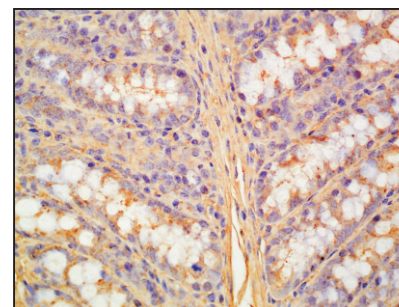
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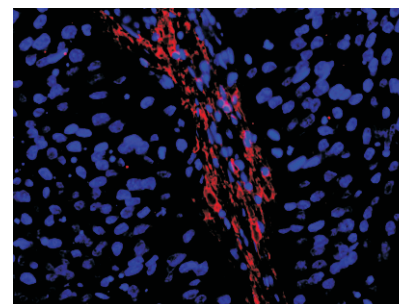
Product Images

Western blot-Anti-PKC ϵ pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-PKC ϵ at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 84 kDa
 Observed band size: 90 kDa

Immunohistochemistry-Anti-PKC ϵ pAb

Immunohistochemical analysis of paraffin-embedded mouse colon using anti-PKC ϵ Rabbit Antibody at 1:500 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

Immunofluorescence-Anti-PKC ϵ pAb

Immunofluorescence analysis of paraffin-embedded human bladder cancer using anti-PKC ϵ Rabbit Antibody at 1:500 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

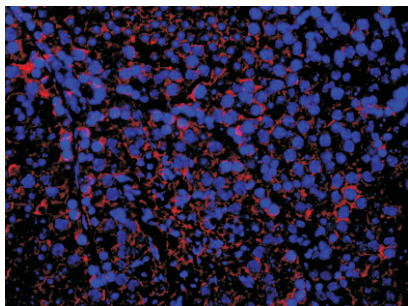
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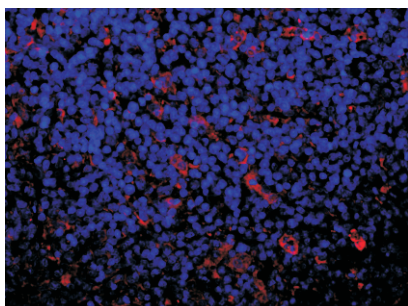
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Immunofluorescence-Anti-PKC ϵ pAb

Immunofluorescence analysis of paraffin-embedded mouse testicle using anti-PKC ϵ Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-PKC ϵ pAb

Immunofluorescence analysis of paraffin-embedded rat spleen using anti-PKC ϵ Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0