

정상 심장과 전처치된 심장에서 Protein Kinase C의 역할

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Role of Protein Kinase C in Normal and Preconditioned Myocardium

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정상심장의 PKC

Protein kinase C(PKC) , I, II, (cPKC isoforms) , (nPKC isoforms) , (aPKC isoforms) 가 Ser - Thr kinase .¹⁾²⁾

p602 참조

PKC . PKC diacylglycerol(phorbol ester) phosphatidylserine , nPKC diacylglycerol phosphatidylserine aPKC phosphatidylserine .³⁾⁴⁾ PKC DAG 가 (regulatory domain) (active site)가 (catalytic domain) . PKC가 (translocation) , PKC

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DAG

가 (pseudosubstrate) 가 .¹⁾²⁾ PKC .⁵⁾⁶⁾ , PKC가 troponin I troponin T myosin light chain - 2 Na/Ca exchanger, , G - , K_{ATP} .⁷⁻¹⁰⁾ Alpha 1 - adrenergic agonists DAG inositol phosphate(IP3) PKC .²⁾¹⁰⁾¹¹⁾ PKC 가 .

전처치된 심장의 PKC

, 가 .⁴⁾⁷⁾¹²⁾¹³⁾ (, myocardial stunning,)

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