

产品名称: PDE4C Rabbit Polyclonal Antibody
产品货号: APRab15892



产品概述 (Summary)

产品名称 (Production Name)	PDE4C Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PDE4C
别名 (Alternative Names)	PDE4C; DPDE1; cAMP-specific 3'; 5'-cyclic phosphodiesterase 4C; DPDE1; PDE21
基因 ID (Gene ID)	5143.0
蛋白 ID (SwissProt ID)	Q08493.The antiserum was produced against synthesized peptide derived from human PDE4C. AA range:291-340

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	80kDa

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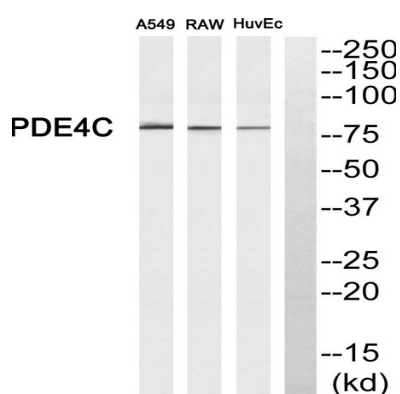
研究背景 (Background)

The protein encoded by this gene belongs to the cyclic nucleotide phosphodiesterase (PDE) family, and PDE4 subfamily. This PDE hydrolyzes the second messenger, cAMP, which is a regulator and mediator of a number of cellular responses to extracellular signals. Thus, by regulating the cellular concentration of cAMP, this protein plays a key role in many important physiological processes. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011],catalytic activity:Adenosine 3',5'-cyclic phosphate + H(2)O = adenosine 5'-phosphate,enzyme regulation:Inhibited by rolipram,.,pathway:Purine metabolism; cAMP degradation; AMP from cAMP: step 1/1,.,similarity:Belongs to the cyclic nucleotide phosphodiesterase family,.,tissue specificity:Expressed in various tissues but not in cells of the immune system,.

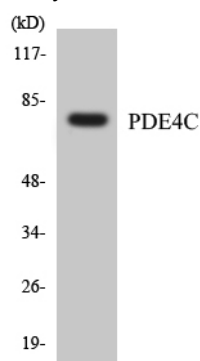
研究领域 (Research Area)

Purine metabolism;

图片 (Image Data)

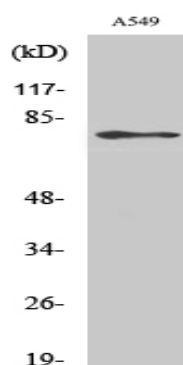


Western blot analysis of PDE4C Antibody. The lane on the right is blocked with the PDE4C peptide.



Western blot analysis of the lysates from HeLa cells using PDE4C antibody.

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Western Blot analysis of various cells using PDE4C Polyclonal Antibody

注意事项 (Note)

For research use only .