

产品名称: NT5C1A Rabbit Polyclonal Antibody
产品货号: APRab14919



产品概述 (Summary)

产品名称 (Production Name)	NT5C1A Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Mouse

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)	NT5C1A
别名 (Alternative Names)	NT5C1A; Cytosolic 5'-nucleotidase 1A; cN1A; Cytosolic 5'-nucleotidase 1A; cN-1; cN-1A
基因 ID (Gene ID)	84618.0
蛋白 ID (SwissProt ID)	Q9BXI3. The antiserum was produced against synthesized peptide derived from human NT5C1A. AA range: 151-200

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	41kDa

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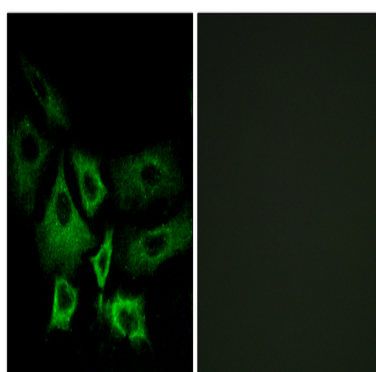
研究背景 (Background)

Cytosolic nucleotidases, such as NT5C1A, dephosphorylate nucleoside monophosphates (Hunsucker et al., 2001 [PubMed 11133996]).[supplied by OMIM, Mar 2008],catalytic activity:A 5'-ribonucleotide + H₂O = a ribonucleoside + phosphate.,cofactor:Magnesium.,enzyme regulation:Activated by ADP.,function:Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides and has a broad substrate specificity. Helps to regulate adenosine levels in heart during ischemia and hypoxia.,similarity:Belongs to the 5'-nucleotidase type 3 family.,tissue specificity:Highly expressed in skeletal muscle. Detected at intermediate levels in heart, brain, kidney and pancreas.,

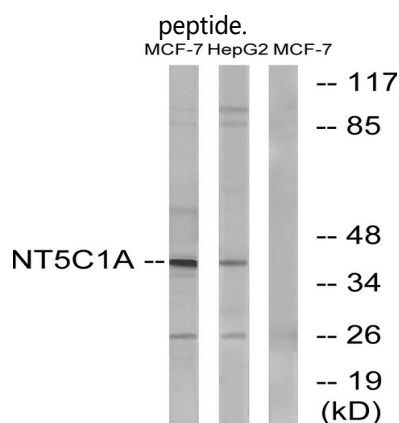
研究领域 (Research Area)

Purine metabolism;Pyrimidine metabolism;Nicotinate and nicotinamide metabolism;

图片 (Image Data)



Immunofluorescence analysis of A549 cells, using NT5C1A Antibody. The picture on the right is blocked with the synthesized



Western blot analysis of lysates from MCF-7 and HepG2 cells, using NT5C1A Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .

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