

产品名称: CD39 Rabbit Polyclonal Antibody
产品货号: APRab08381



产品概述 (Summary)

产品名称 (Production Name)	CD39 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	ENTPD1 ENTPD1; CD39; Ectonucleoside triphosphate diphosphohydrolase 1; NTPDase 1; Ecto-ATP diphosphohydrolase 1; Ecto-ATPDase 1; Ecto-ATPase 1; Ecto-apyrase; Lymphoid cell activation antigen; CD39
别名 (Alternative Names)	
基因 ID (Gene ID)	953.0
蛋白 ID (SwissProt ID)	P49961.The antiserum was produced against synthesized peptide derived from the Internal region of human ENTDP1. AA range:31-80

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	56kDa

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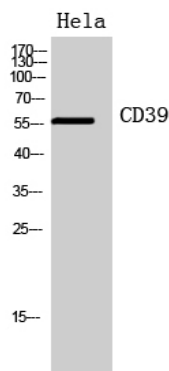
研究背景 (Background)

The protein encoded by this gene is a plasma membrane protein that hydrolyzes extracellular ATP and ADP to AMP. Inhibition of this protein's activity may confer anticancer benefits. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015], catalytic activity: $\text{ATP} + 2 \text{H}_2\text{O} = \text{AMP} + 2 \text{phosphate}$, cofactor: Calcium, cofactor: Magnesium, function: In the nervous system, could hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. Could also be implicated in the prevention of platelet aggregation. Hydrolyzes ATP and ADP equally well, PTM: Palmitoylated in the N-terminal part, PTM: The N-terminus is blocked, similarity: Belongs to the GDA1/CD39 NTPase family, subunit: Homodimer; disulfide-linked, tissue specificity: Expressed primarily on activated lymphoid cells. Also expressed in endothelial tissues. The vascular isoform and the placental isoform II are present in both placenta and umbilical vein, whereas placental isoform I is present in placenta only.

研究领域 (Research Area)

Purine metabolism; Pyrimidine metabolism;

图片 (Image Data)



Western Blot analysis of HeLa cells using CD39 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .