

产品名称: Cleaved-Cathepsin A 32k (R326) Rabbit Polyclonal Antibody
产品货号: APRab08972



产品概述 (Summary)

产品名称 (Production Name)	Cleaved-Cathepsin A 32k (R326) 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

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)	CTSA
别名 (Alternative Names)	CTSA; PPGB; Lysosomal protective protein; Carboxypeptidase C; Carboxypeptidase L; Cathepsin A; Protective protein cathepsin A; PPCA; Protective protein for beta-galactosidase
基因 ID (Gene ID)	5476.0
蛋白 ID (SwissProt ID)	P10619.The antiserum was produced against synthesized peptide derived from human PPGB. AA range:277-326

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
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蛋白分子量 (Molecular Weight) 33kDa

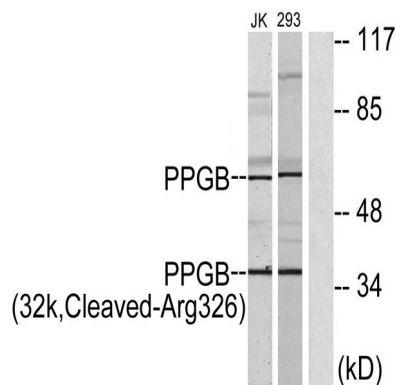
研究背景 (Background)

This gene encodes a member of the peptidase S10 family of serine carboxypeptidases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate two chains that comprise the heterodimeric active enzyme. This enzyme possesses deamidase, esterase and carboxypeptidase activities and acts as a scaffold in the lysosomal multienzyme complex. Mutations in this gene are associated with galactosialidosis. [provided by RefSeq, Nov 2015], catalytic activity: Release of a C-terminal amino acid with broad specificity., disease: Defects in CTSA are the cause of galactosialidosis [MIM:256540]. It is an autosomal recessive disease., function: Protective protein appears to be essential for both the activity of beta-galactosidase and neuraminidase, it associates with these enzymes and exerts a protective function necessary for their stability and activity. This protein is also a carboxypeptidase and can deamidate tachykinins., similarity: Belongs to the peptidase S10 family., subunit: Heterodimer of a 32 kDa chain and a 20 kDa chain; disulfide-linked.,

研究领域 (Research Area)

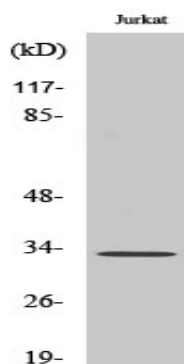
Lysosome; Renin-angiotensin system;

图片 (Image Data)



Western blot analysis of lysates from 293 and Jurkat cells, treated with etoposide 25uM 1h, using PPGB (32k, Cleaved-Arg326) Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using Cleaved-Cathepsin A 32k (R326) Polyclonal Antibody

注意事项 (Note)

For research use only .