

产品名称: Cleaved-Cathepsin L2 (L114) Rabbit Polyclonal Antibody
产品货号: APRab08978



产品概述 (Summary)

产品名称 (Production Name)	Cleaved-Cathepsin L2 (L114) 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,Monkey

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)	CTSL2
别名 (Alternative Names)	CTSL2; CATL2; CTSU; CTSV; Cathepsin L2; Cathepsin U; Cathepsin V
基因 ID (Gene ID)	1515.0
蛋白 ID (SwissProt ID)	O60911.The antiserum was produced against synthesized peptide derived from human CATL2. AA range:95-144

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	37kDa

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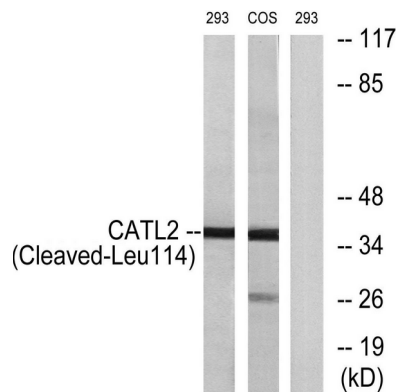
研究背景 (Background)

The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may play an important role in corneal physiology. This gene is expressed in colorectal and breast carcinomas but not in normal colon, mammary gland, or peritumoral tissues, suggesting a possible role for this gene in tumor processes. Alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2011], catalytic activity: The recombinant enzyme hydrolyzes proteins (serum albumin, collagen) and synthetic substrates (Z-Phe-Arg-NHMec > Z-Leu-Arg-NHMec > Z-Val-Arg-NHMec), function: Cysteine protease. May have an important role in corneal physiology, similarity: Belongs to the peptidase C1 family, tissue specificity: Predominantly expressed in the thymus and testis. Also expressed in corneal epithelium, and to a lesser extent in conjunctival epithelium and skin,.

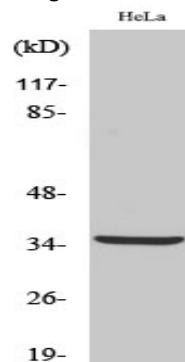
研究领域 (Research Area)

Lysosome;

图片 (Image Data)



Western blot analysis of lysates from 293 and COS cells, treated with etoposide 25uM 1h, using CATL2 (Cleaved-Leu114) Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Cleaved-Cathepsin L2 (L114) Polyclonal Antibody

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注意事项 (Note)

For research use only .