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CTSC Rabbit pAb

货号: **AYP13239**

产品信息

反应	Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens IHC: Homo sapiens
应用	IF/ICC
推荐浓度	IF/ICC: 1:50 - 1:200
理论分子量	15kDa/51kDa
实测分子量	64KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
偶联物	Unconjugated
阳性对照	HeLa
细胞定位	Lysosome
纯化	Affinity purification

抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 25-134 of human CTSC (NP_001805.3).
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靶点信息

研究背景	This gene encodes a member of the peptidase C1 family and lysosomal cysteine proteinase that appears to be a central coordinator for activation of many serine proteinases in cells of the immune system. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate heavy and light chains that form a disulfide-linked dimer. A portion of the propeptide acts as an intramolecular chaperone for the folding and stabilization of the mature enzyme. This enzyme requires chloride ions for activity and can degrade glucagon. Defects in the encoded protein have been shown to be a cause of Papillon-Lefevre syndrome, an autosomal recessive disorder characterized by palmoplantar keratosis and periodontitis.
基因ID	1075
基因名	CTSC
Swiss	P53634 (https://www.uniprot.org/uniprotkb/P53634/entry)
别名	CTSC, CPPI, DPP-I, DPP1, DPPI, HMS, JP, JPD, PALS, PDON1, PLS, CTSC Rabbit pAb, Cathepsin C, Cathepsin J, Dipeptidyl peptidase I, Dipeptidyl transferase, Dipeptidyl peptidase I exclusion domain chain, Dipeptidyl peptidase I heavy chain, Dipeptidyl peptidase I light chain

产品验证

实验步骤

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