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# CTSK Rabbit pAb

货号: **AYP13479**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>IF:</b> Homo sapiens
应用	WB IHC
推荐浓度	<b>WB:</b> 1:100 - 1:500 <b>IHC:</b> 1:100 - 1:200
理论分子量	36kDa
实测分子量	39KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG
细胞定位	Lysosome
纯化	Affinity purification

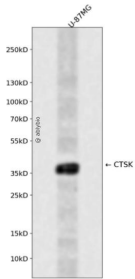
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 115-329 of human CTSK (NP_000387.1).
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## 靶点信息

研究背景	The protein encoded by this gene is a lysosomal cysteine proteinase involved in bone remodeling and resorption. This protein, which is a member of the peptidase C1 protein family, is predominantly expressed in osteoclasts. However, the encoded protein is also expressed in a significant fraction of human breast cancers, where it could contribute to tumor invasiveness. Mutations in this gene are the cause of pycnodysostosis, an autosomal recessive disease characterized by osteosclerosis and short stature.
基因ID	1513
基因名	CTSK
Swiss	P43235 ( <a href="https://www.uniprot.org/uniprotkb/P43235/entry">https://www.uniprot.org/uniprotkb/P43235/entry</a> )
别名	CTSK,CTS02,CTSO,CTS01,CTS02,PKND,PYCD,CTSK Rabbit pAb,Cathepsin O,Cathepsin O2,Cathepsin X

## 产品验证



Western blot analysis of CTSK expressed in U-87MG using CTSK Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/www.ablybio.cn>)