

产品名称: PTH-rP Rabbit Polyclonal Antibody
产品货号: AP Rab16652



产品概述 (Summary)

产品名称 (Production Name)	PTH-rP Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Rat,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)	PTH1H Parathyroid hormone-related protein (PTH-rP) (PTHrP) (Parathyroid hormone-like protein) (PLP) [Cleaved into: PTHrP[1-36]; PTHrP[38-94]; Osteostatin (PTHrP[107-139])]
别名 (Alternative Names)	
基因 ID (Gene ID)	5744.0
蛋白 ID (SwissProt ID)	P12272.The antiserum was produced against synthesized peptide derived from the Internal region of human PTH1H. AA range:101-150

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	25kDa

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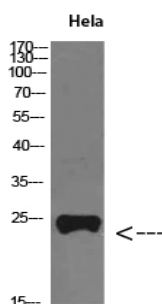
研究背景 (Background)

parathyroid hormone like hormone(PTHrP) Homo sapiens The protein encoded by this gene is a member of the parathyroid hormone family. This hormone, via its receptor, PTHR1, regulates endochondral bone development and epithelial-mesenchymal interactions during the formation of the mammary glands and teeth. It is responsible for most cases of humoral hypercalcemia of malignancy, and mutations in this gene are associated with brachydactyly type E2 (BDE2). Alternatively spliced transcript variants have been found for this gene. There is also evidence for alternative translation initiation from non-AUG (CUG and GUG) start sites, downstream of the initiator AUG codon, resulting in nuclear forms of this hormone. [provided by RefSeq, Nov 2013], alternative products: Additional isoforms seem to exist, disease: Produced by many tumors from patients with HHM (humoral hypercalcemia of malignancy), function: Neuroendocrine peptide which is a critical regulator of cellular and organ growth, development, migration, differentiation and survival and of epithelial calcium ion transport. Regulates endochondral bone development and epithelial-mesenchymal interactions during the formation of the mammary glands and teeth., function: Osteostatin is a potent inhibitor of osteoclastic bone resorption., PTM: There are 3 principal secretory forms, called PTHrP[1-36], PTHrP[38-94], and osteostatin (PTHrP[107-139]) arising from endoproteolytic cleavage of the initial translation product. Each of these secretory forms is believed to have one or more of its own receptors that mediates the normal paracrine, autocrine and endocrine actions., similarity: Belongs to the parathyroid hormone family., tissue specificity: Ubiquitous. Also expressed in the mammary gland.,

研究领域 (Research Area)

Signal Transduction; Growth Factors/Hormones; Hormones; Cell Biology; Cell Cycle; Cell differentiation; Stem Cells; Mesenchymal Stem Cells; Surface Molecules

图片 (Image Data)



Western Blot analysis of HeLa cells using PTH-rP Polyclonal Antibody diluted at 1:800. Secondary antibody was diluted at 1:20000

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注意事项 (Note)

For research use only .