

Product Name: PTH-rP Rabbit Polyclonal Antibody
Catalog #: APRab16652



Summary

Production Name	PTH-rP Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	PTHLH
Alternative Names	Parathyroid hormone-related protein (PTH-rP) (PTHrP) (Parathyroid hormone-like protein) (PLP) [Cleaved into: PTHrP[1-36]; PTHrP[38-94]; Osteostatin (PTHrP[107-139])]
Gene ID	5744.0
SwissProt ID	P12272. The antiserum was produced against synthesized peptide derived from the Internal region of human PTHLH. AA range:101-150

Application

Dilution Ratio	WB 1:500-2000, IHC-P 1:50-300
Molecular Weight	25kDa

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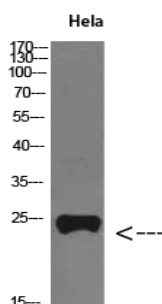


Background

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.,

Research Area

Image Data



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

Note

For research use only.

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