
Product Name: PTH Rabbit Polyclonal Antibody**Catalog #: APRab16646**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:300
Molecular Weight	16kDa

Antigen Information

Gene Name	PTH
Alternative Names	PTH; Parathyroid hormone; PTH; Parathormone; Parathyrin
Gene ID	5741.0
SwissProt ID	P01270
Immunogen	The antiserum was produced against synthesized peptide derived from human Parathyroid Hormone. AA range:51-100

Background

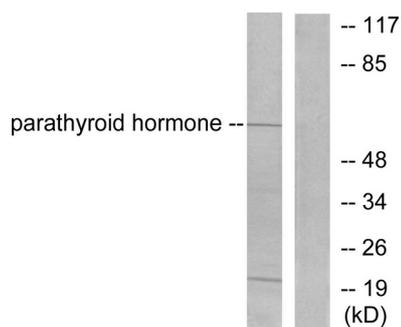
This gene encodes a member of the parathyroid family of proteins. The encoded preproprotein is proteolytically processed to

generate a protein that binds to the parathyroid hormone/parathyroid hormone-related peptide receptor and regulates blood calcium and phosphate levels. Excess production of the encoded protein, known as hyperparathyroidism, can result in hypercalcemia and kidney stones. On the other hand, defective processing of the encoded protein may lead to hypoparathyroidism, which can result in hypocalcemia and numbness. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015],disease:Defects in PTH are a cause of familial isolated hypoparathyroidism (FIH) [MIM:146200]. FIH exist both as autosomal dominant and recessive forms of hypoparathyroidism.,function:PTH elevates calcium level by dissolving the salts in bone and preventing their renal excretion.,online information:Parathyroid hormone entry,similarity:Belongs to the parathyroid hormone family.,

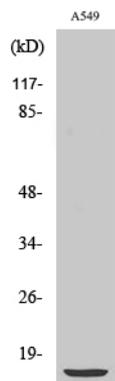
Research Area

Signal Transduction

Image Data



Western blot analysis of lysates from A549 cells, using Parathyroid Hormone Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using PTH Polyclonal Antibody