

Product Name: PTH Rabbit Polyclonal Antibody
Catalog #: APRab16646



Summary

Production Name	PTH Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
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% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

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

Application

Dilution Ratio	WB 1:500-2000
Molecular Weight	16kD

Background

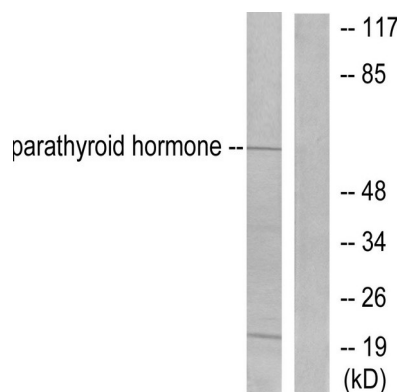
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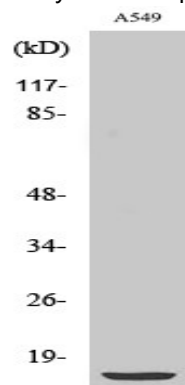
This gene encodes a member of the parathyroid family of proteins. The encoded preproprotein is proteolytically processed to generate a protein that binds to the parathyroid hormone/parathyroid hormone-related peptide receptor and regulates blood calcium and phosphate levels. Excess production of the 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

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

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Note

For research use only.