

PTH Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07476
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Parathyroid Hormone. AA range:51-100
Mol wt	12861
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	PTH Antibody
Synonyms	PTH; Parathyroid hormone; PTH; Parathormone; Parathyrin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

PTH 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.

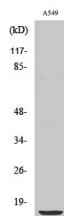
Recommended Dilution

WB: 1: 500 - 1: 2000

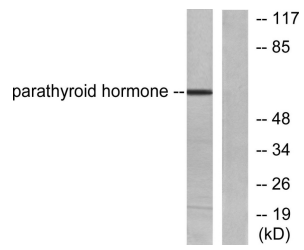
ELISA: 1: 10000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using PTH Polyclonal Antibody



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

Storage

-20°C for one year

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