

# PTH Polyclonal Antibody

Catalog # AP72080

## Product Information

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Application	WB
Primary Accession	<a href="#">P01270</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12861

## Additional Information

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Gene ID	5741
Other Names	PTH; Parathyroid hormone; PTH; Parathormone; Parathyrin
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

## Protein Information

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Name	PTH {ECO:0000303   PubMed:35932760, ECO:0000312   HGNC:HGNC:9606}
Function	Parathyroid hormone elevates calcium level by dissolving the salts in bone and preventing their renal excretion (PubMed: <a href="#">11604398</a> , PubMed: <a href="#">35932760</a> ). Acts by binding to its receptor, PTH1R, activating G protein-coupled receptor signaling (PubMed: <a href="#">18375760</a> , PubMed: <a href="#">35932760</a> ). Stimulates [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblastic cells (PubMed: <a href="#">21076856</a> ).
Cellular Location	Secreted

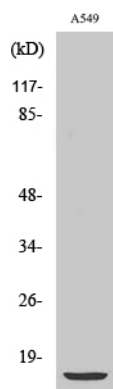
## Background

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PTH elevates calcium level by dissolving the salts in bone and preventing their renal excretion. Stimulates [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblastic cells.

## Images

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## Western Blot analysis of various cells using PTH Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.