

PTH Polyclonal Antibody

Catalog # AP72080

Product Information

Application	WB, IHC-P
Primary Accession	P01270
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12861

Additional Information

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. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

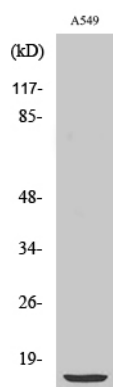
Protein Information

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: 11604398 , PubMed: 35932760). Acts by binding to its receptor, PTH1R, activating G protein-coupled receptor signaling (PubMed: 18375760 , PubMed: 35932760). Stimulates [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblastic cells (PubMed: 21076856).
Cellular Location	Secreted

Background

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



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'.