

PTH Polyclonal Antibody
Catalog # AP72080**Specification**

PTH Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P01270
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

PTH Polyclonal Antibody - 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.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

PTH Polyclonal Antibody - 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

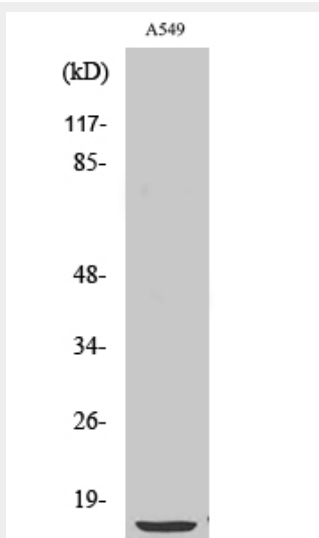
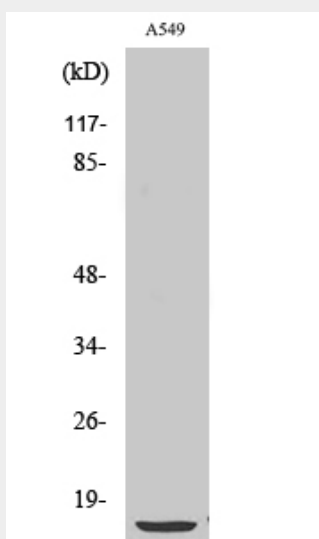
Secreted

PTH Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTH Polyclonal Antibody - Images



PTH Polyclonal Antibody - 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.