10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PTH Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51460

Specification

PTH Antibody - Product Information

Application	**WB, E**
Primary Accession	P01270
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**9 KDa**

PTH Antibody - Additional Information

Gene ID 5741

Other Names
Parathyroid hormone, PTH, Parathormone, Parathyrin, PTH

Dilution
WB~~1:1000
E~~N/A

Format
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage
Store at -20 °C.Stable for 12 months from date of receipt

PTH 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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PTH 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 Cytomety
- Cell Culture

PTH Antibody - Images

PTH 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.

PTH Antibody - References

Hendy G.N.,et al.Proc. Natl. Acad. Sci. U.S.A. 78:7365-7369(1981).
Vasicek T.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 80:2127-2131(1983).
Karaplis A.C.,et al.J. Biol. Chem. 270:1629-1635(1995).
Jacobs J.W.,et al.Nature 249:155-157(1974).
Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).