

Parathyroid Hormone Antibody
Rabbit mAb
Catalog # AP91447**Specification****Parathyroid Hormone Antibody - Product Information**

Application	WB, IHC
Primary Accession	P01270
Clonality	Monoclonal
Other Names	
hPTH; Parathormone; Parathyrin; Parathyroid hormone 1; Prepro PTH; Preproparathyroid hormone; PTH1; PTH1 receptor; PTH1R; PTHR1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	12861 Da

Parathyroid Hormone Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Parathyroid Hormone
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Parathyroid Hormone 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:<[a href="http://www.uniprot.org/citations/11604398"](http://www.uniprot.org/citations/11604398)target="_blank">11604398, PubMed:<[a href="http://www.uniprot.org/citations/35932760"](http://www.uniprot.org/citations/35932760)target="_blank">35932760). Acts by binding to its receptor, PTH1R, activating G protein-coupled receptor signaling (PubMed:<[a href="http://www.uniprot.org/citations/18375760"](http://www.uniprot.org/citations/18375760)target="_blank">18375760, PubMed:<[a href="http://www.uniprot.org/citations/35932760"](http://www.uniprot.org/citations/35932760)target="_blank">35932760). Stimulates [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblastic cells (PubMed:<a

<http://www.uniprot.org/citations/21076856> target="_blank">21076856).

Cellular Location

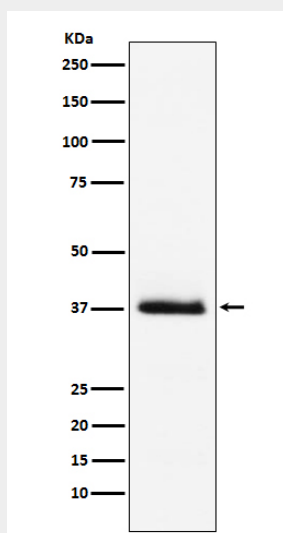
Secreted

Parathyroid Hormone 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](#)

Parathyroid Hormone Antibody - Images



Western blot analysis of Parathyroid Hormone expression in human Parathyroid Hormone recombinant protein.