

PTH Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13695c

Specification

PTH Antibody (Center) Blocking peptide - Product Information

Primary Accession [P01270](#)

PTH Antibody (Center) Blocking peptide - Additional Information

Gene ID 5741

Other Names

Parathyroid hormone, PTH, Parathormone, Parathyrin, PTH

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13695c was selected from the Center region of PTH. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PTH Antibody (Center) Blocking peptide - Protein Information

Name PTH

Function

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.

Cellular Location

Secreted.

PTH Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

PTH Antibody (Center) Blocking peptide - Images

PTH Antibody (Center) Blocking peptide - Background

The protein encoded by this gene is a hormone secreted by parathyroid cells. This hormone elevates blood Ca^{2+} level by dissolving the salts in bone and preventing their renal excretion. Defects in this gene are a cause of familial isolated hypoparathyroidism (FIH).

PTH Antibody (Center) Blocking peptide - References

Giroux, S., et al. Bone 47(5):975-981(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Xu, M., et al. Bone 47(2):341-352(2010) Gardham, C., et al. Clin J Am Soc Nephrol 5(7):1261-1267(2010) Tawfeek, H., et al. PLoS ONE 5 (8), E12290 (2010) :