



A Reliable Research Partner in Life Science and Medicine

Recombinant PTH Monoclonal Antibody

catalog number: AN301642L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Rat; Mouse

Immunogen Recombinant human PTH fragment

HostRabbitIsotypeIgG, κ CloneA345

Purification Protein A purified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:500-1:1000

Data



Western Blot with PTH Monoclonal Antibody at dilution of 1:1000. Lane 1: Rat parathyroid, Lane 2: Mouse parathyroid

Observed-MW:13 kDa Calculated-MW:13 kDa

Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

This gene encodes a member of the parathyroid family of proteins. The encoded preproprotein is proteolytically processed to generate a protein that binds to the parathyroid hormone/parathyroid hormone-related peptide receptor and regulates blood calcium and phosphate levels. Excess production of the encoded protein, known as hyperparathyroidism, can result in hypercalcemia and kidney stones. On the other hand, defective processing of the encoded protein may lead to hypoparathyroidism, which can result in hypocalcemia and numbness. Alternative splicing results in multiple transcript variants.