

PTH Polyclonal Antibody

Catalog No.	A5846	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	14kDa
Cross-reactivity	Human	Calculated MW	12kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 20-115 of human PTH (NP_000306.1).
Gene ID	5741
Swiss prot	P01270
Synonyms	PTH; PTH1; parathyroid hormone

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

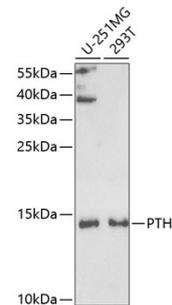
Background

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.

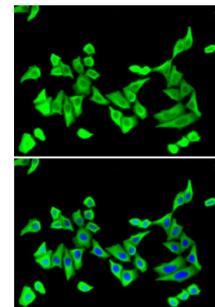
Recommended Dilutions

WB 1:500 -
1:2000

IF 1:10 -
1:100



Western blot - PTH Polyclonal Antibody (A5846)



Immunofluorescence - PTH Polyclonal Antibody (A5846)