



PTH Monoclonal Antibody

Catalog No	YP-Ab-15850
Isotype	IgG
Reactivity	Human
Applications	WB;ELISA
Gene Name	PTH
Immunogen	Purified recombinant fragment of human PTH (aa1-115) expressed in E. Coli.
Specificity	PTH Monoclonal Antibody detects endogenous levels of PTH protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C9orf115;EC:3.1.1.29;Peptidyl-tRNA hydrolase;PTH;PTH1;Parathyroid Hormone;Parathormone;Parathyrin
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Secreted.
Tissue Specificity	
Function	disease:Defects in PTH are a cause of familial isolated hypoparathyroidism (FIH) [MIM:146200]. FIH exist both as autosomal dominant and recessive forms of hypoparathyroidism.,function:PTH elevates calcium level by dissolving the salts in bone and preventing their renal excretion.,online information:Parathyroid hormone entry,similarity:Belongs to the parathyroid hormone family.,
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. [provided by RefSeq, Oct 2015],

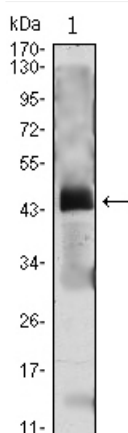
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis using PTH Monoclonal Antibody against PTH-hlgGfc transfected HEK293 cell lysate.