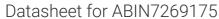
# antibodies -online.com







# anti-PTH antibody

**Images** 



### Overview

Quantity:	100 μL
Target:	PTH
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PTH antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

# Product Details

Purpose:	Parathyroid Hormone (PTH) Rabbit mAb
Immunogen:	A synthesized peptide derived from human Parathyroid Hormone (PTH) (PTH)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

# Target Details

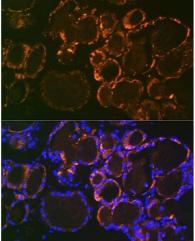
Target:	PTH
Alternative Name:	PTH (PTH Products)
Target Type:	Hormone

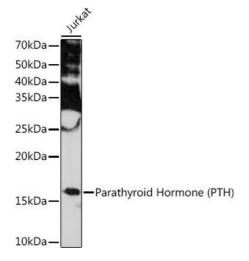
# **Target Details**

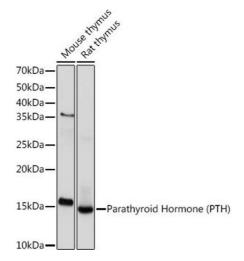
Storage Comment:

9	
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],PTH1,Apoptosis,Cell Biology & Developmental Biology,Growth factors,Signal
	Transduction,PTH
Molecular Weight:	36kDa
Gene ID:	5741
UniProt:	P01270
Pathways:	cAMP Metabolic Process, Regulation of Carbohydrate Metabolic Process
Application Details	
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C

Store at -20°C. Avoid freeze / thaw cycles.







#### **Immunofluorescence**

Image 1. Immunofluorescence analysis of mouse thyroid using Parathyroid Hormone (PTH) (PTH) Rabbit mAb (ABIN7269175) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

#### **Western Blotting**

Image 2. Western blot analysis of extracts of Jurkat cells, using Parathyroid Hormone (PTH) (PTH) Rabbit mAb (ABIN7269175) at 1:1000 dilution. Secondary antibody: HRP Anti-Rabbit IgG (H+L)(ABIN1684268 ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

#### **Western Blotting**

Image 3. Western blot analysis of extracts of various cell lines, using Parathyroid Hormone (PTH) (PTH) Rabbit mAb (ABIN7269175) at 1:1000 dilution. Secondary antibody: HRP Anti-Rabbit IgG (H+L) (ABIN1684268 ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

Please check the product details page for more images. Overall 4 images are available for ABIN7269175.