

For Research Use Only

# PTH Recombinant antibody, PBS Only (Capture)

Catalog Number: 84960-4-PBS



## Basic Information

Catalog Number:

84960-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_000315.4

GeneID (NCBI):

5741

UNIPROT ID:

P01270

Full Name:

parathyroid hormone

Calculated MW:

13kDa

Purification Method:

Protein A purification

CloneNo.:

242608F8

## Applications

Tested Applications:

WB, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

## Background Information

Parathyroid hormone (PTH) is a crucial hormone secreted by the parathyroid glands. The main function of PTH is to regulate calcium and phosphorus metabolism in vertebrates. It increases blood calcium levels and decreases blood phosphorus levels. PTH also plays a role in maintaining bone health and is involved in the regulation of vitamin D metabolism.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

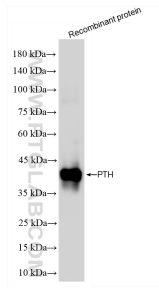
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

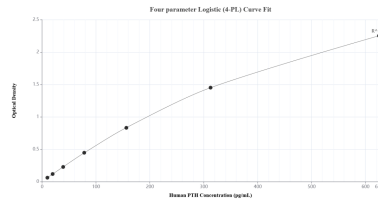
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

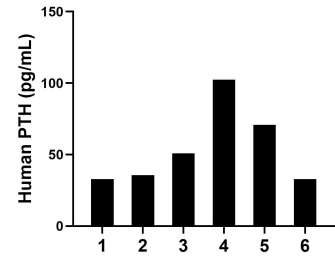
## Selected Validation Data



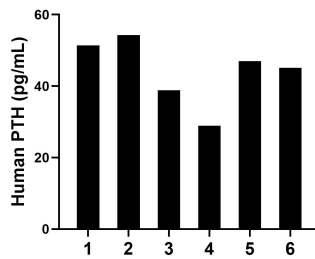
Recombinant protein were subjected to SDS PAGE followed by western blot with 84960-4-RR (PTH antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84960-4-PBS in a different storage buffer formulation.



Sandwich ELISA standard curve of MP01717-3, Human PTH Recombinant Matched Antibody Pair - PBS only. 84960-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3191. 84960-3-PBS was HRP conjugated as the detection antibody. Range: 9.77-625 pg/mL



Plasma of six individual healthy human donors was measured. The PTH concentration of detected samples was determined to be 54.2 ng/mL with a range of 32.7-102.4 pg/mL



Serum of six individual healthy human donors was measured. The PTH concentration of detected samples was determined to be 44.3 pg/mL with a range of 28.9-54.3 pg/mL