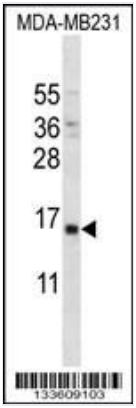
pth Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PTH, Polyclonal Antibody
Full Product Name	PTH, ID (PTH, Parathyroid hormone, Parathormone, Parathyrin)
Product Gene Name	anti-pth antibody
Product Synonym Names	Anti -PTH, ID (PTH, Parathyroid hormone, Parathormone, Parathyrin)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	21,544 Da
3D Structure	ModBase 3D Structure for B9DLD9
Immunogen	PTH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 58-88 amino acids from the Central region of human PTH.
Product Categories/Family for anti-pth antibody	Antibodies; Abs to Hormones; Steroids
Applications Tested/Suitable for anti-pth antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-pth antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
Related Product Information for anti-pth antibody	The protein encoded by this gene is a hormone secreted by parathyroid cells. This hormone elevates blood Ca2+ level by dissolving the salts in bone and preventing their renal excretion. Defects in this gene are a cause of familial isolated hypoparathyroidism (FIH).
Other Notes	Small volumes of anti-pth antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for pth purchase	MBS6001866 is an antibody targeting pth. Also known as PTH, ID (PTH, Parathyroid hormone, Parathormone, Parathyrin). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-pth antibody
PTH Antibody (Center) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the PTH antibody detected the PTH protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for pth. It may not necessarily be applicable to this product.

NCBI GI #	222420251
NCBI Accession #	CAL27065.1
UniProt Primary Accession #	B9DLD9
NCBI Official Full Name	pth
UniProt Protein Name	Peptidyl-tRNA hydrolase
Protein Family	Parathyroid hormone
UniProt Gene Name	pth
UniProt Synonym Gene Names	PTH
UniProt Entry Name	PTH_STACT
UniProt Comments for pth	Function: The natural substrate for this enzyme may be peptidyl-tRNAs which drop off the ribosome during protein synthesis By similarity. HAMAP-Rule MF_00083 Catalytic activity: N-substituted aminoacyl-tRNA + H2O = N-substituted amino acid + tRNA. HAMAP-Rule MF_00083 Subunit structure: Monomer By similarity. HAMAP-Rule MF_00083 Subcellular location: Cytoplasm By similarity HAMAP-Rule MF_00083. Sequence similarities: Belongs to the PTH family.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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