



Anti-PTH (aa 53-84) polyclonal antibody (DPAB3237RR)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal antibody to rat Parathyroid Hormone (aa 53-84)
Antigen Description	Regulates osteoblast proliferation and differentiation; involved in G-protein coupled receptor mediated adenylate cyclase activation
Specificity	rat PTH (aa 53-84)
Immunogen	Synthetic rat PTH (aa 53-84) bTG-conjugated (KKEENVLVDGNSKSLGEGDKADVDVLVKAQSQ)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Conjugate	Unconjugated
Applications	ELISA, IRMA
Concentration	20 µl / 100 µl (lyophilized). Resuspend in 20 µl / 100 µl aqua bidest
Preservative	None
Storage	2-8 °C (lyophilized); - 20 °C (dissolved). Repeated thawing and freezing must be avoided

GENE INFORMATION

Gene Name [Pth parathyroid hormone \[Rattus norvegicus \]](#)

Official Symbol	Pth
Synonyms	Pth; parathyroid hormone; Pth1; Pthr1; PTH-(1-84); parathyrin; hypothalamic parathyroid hormone
Entrez Gene ID	24694
Protein Refseq	NP_058740
UniProt ID	P04089
Chromosome Location	1q34
Pathway	Class B/2 (Secretin family receptors); Endochondral Ossification; GPCR ligand binding; Osteoblast; Signal Transduction; Signaling by GPCR
Function	hormone activity; parathyroid hormone receptor binding; peptide hormone receptor binding; peptide hormone receptor binding; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity