



Anti-PTHrP (aa 1-30) polyclonal antibody (DPAB3247RH)

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

PRODUCT INFORMATION

Product Overview	Polyclonal antibody to human Parathyroid Hormone related Peptide (aa 1-30)
Antigen Description	Parathyroid related protein (PTHrP), is a polypeptide hormone produced by almost every tissue of the body and is closely related to parathyroid hormone (PTH). It signals through its receptor, PTHR1, regulating endochondral bone development and epithelial-mesenchymal interactions during the formation of the mammary glands and teeth. The receptor for this hormone (PTHRP) is responsible for most cases of humoral hypercalcemia of malignancy.
Specificity	Human PTHrP (aa 1-30)
Immunogen	Synthetic human PTHrP (aa 1-30) KLH conjugated (AVSEHQLLHDKGKSIQDLRRRFFLHHLIA)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	RIA
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	PTHLH parathyroid hormone-like hormone [Homo sapiens]
Official Symbol	PTHLH
Synonyms	parathyroid hormone-like hormone; MGC14611; PLP; osteostatin; PTHRP; parathyroid hormone-like related protein; HHM; parathyroid hormone-related protein; PTHR; PTH-related protein; PTH-rP; BDE2; Parathyroid hormone-like protein; OTTHUMP00000240429; OTTHUMP00000240430; OTTHUMP00000240432; OTTHUMP00000240433
Entrez Gene ID	5744
Protein Refseq	NP_002811
UniProt ID	P12272
Chromosome Location	12p12.1-p11.2
Pathway	Class B/2 (Secretin family receptors); Endochondral Ossification; G alpha (s) signalling events; GPCR downstream signaling; GPCR ligand binding; Signaling by GPCR
Function	hormone activity; peptide hormone receptor binding