

Rabbit PTHR / PTHR1 Polyclonal Antibody | anti-PTHr antibody

Rabbit Polyclonal to Human PTHR / PTHR1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51340	Rabbit	Human, Monkey Predicted Reactivity: Gorilla, Orangutan, Gibbon, Bovine, Dog, Pig (at least 90% immunogen sequence identity)	Immunohistochemistry

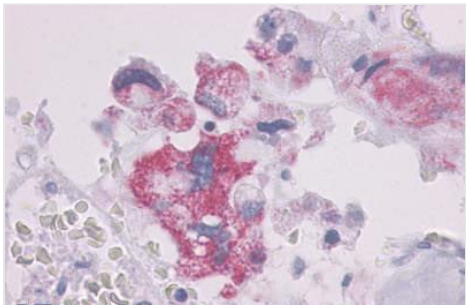
PRODUCT SYNONYMS

PTHR / PTHR1; Polyclonal Antibody; Rabbit Polyclonal to Human PTHR / PTHR1; Anti-PTHR / PTHR1 Antibody (N-Terminus) IHC-plus; PTH1R; Parathyroid hormone 1 receptor; Parathyroid hormone receptor 1; PFE; Pth-related peptide receptor; PTHR; PTH/PTHr receptor; Pth/pthrp receptor; Parathyroid hormone receptor; PTH/PTHrP type I receptor; PTH1 receptor; PTHR1; PTHrP-R; PTHrP-receptor; Human PTHR; anti-PTHR antibody

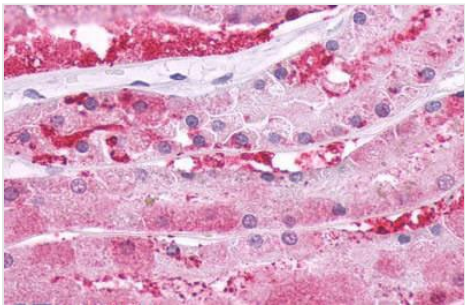
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey Predicted Reactivity: Gorilla, Orangutan, Gibbon, Bovine, Dog, Pig (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PTH1R. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except UHRF1BP1 (40%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	593
Applicable Applications for anti-PTHR antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from N-terminal extracellular domain of human PTH1R. Percent identity with other species by BLAST analysis: Human, Monkey, Marmoset (100%); Gorilla, Gibbon, Bovine, Pig (95%); Orangutan, Elephant, Dog (90%).
Immunogen Type	Synthetic peptide
Immunogen	PTHR / PTHR1 antibody was raised against synthetic 20 amino acid peptide from N-terminal extracellular domain of human PTH1R. Percent identity with other species by BLAST analysis: Human, Monkey, Marmoset (100%); Gorilla, Gibbon, Bovine, Pig (95%); Orangutan, Elephant, Dog (90%); Panda, Horse (85%); Rabbit (80%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-PTH1R / PTHR1 antibody IHC of human Bone, Giant Cell Tumor. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PTH1R antibody IHC of human kidney, renal tubules. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-PTH1R antibody	PTH1R, a Parathyroid Hormone Receptor, mediates PTH-dependent regulation of mineral-ion homeostasis. It also mediates the paracrine action of PTHrP in endochondral bone formation. Mutations in this receptor are responsible for disorders of calcium and bone metabolism such as chondrodysplasia, hypercalcemia, and chronic renal failure. Three promoters, P1, P2, and P3, regulate the expression of PTH1R.
Product Categories/Family for anti-PTH1R antibody	Family: GPCR; Subfamily: Parathyroid hormone

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506271
NCBI GeneID	5745
NCBI Accession #	NP_000307.1
NCBI GenBank Nucleotide #	NM_000316.2
UniProt Accession #	Q03431; Q2M1U3
Molecular Weight	66,361 Da
NCBI Official Full Name	parathyroid hormone/parathyroid hormone-related peptide receptor
NCBI Official Synonym Full Names	parathyroid hormone 1 receptor
NCBI Official Symbol	PTH1R
NCBI Official Synonym Symbols	PFE; PTHR; PTHR1
NCBI Protein Information	parathyroid hormone/parathyroid hormone-related peptide receptor; PTH1 receptor; PTH/PTHr receptor; PTH/PTHrP type I receptor; parathyroid hormone receptor 1; seven transmembrane helix receptor; parathyroid hormone/parathyroid hormone-related protein receptor
UniProt Protein Name	Parathyroid hormone/parathyroid hormone-related peptide receptor
UniProt Gene Name	PTH1R
UniProt Synonym Gene Names	PTHR; PTHR1; PTH/PTHr receptor; PTH1 receptor
UniProt Entry Name	PTH1R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.