

Rabbit Parathyroid Hormone Receptor 1 Polyclonal Antibody | anti-PTH1R antibody

Anti-Parathyroid Hormone Receptor 1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45366	Rabbit	Reacts with: Human Predicted to work with: Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Parathyroid Hormone Receptor 1; Polyclonal Antibody; Anti-Parathyroid Hormone Receptor 1 antibody; Parathyroid hormone/parathyroid hormone-related peptide receptor; parathyroid hormone 1 receptor; MGC138426 antibody; MGC138452 antibody; Parathyroid hormone 1 receptor antibody; Parathyroid hormone/parathyroid hormone related peptide receptor antibody; Parathyroid hormone/parathyroid hormone related protein receptor antibody; Parathyroid hormone/parathyroid hormone-related peptide receptor antibody; PTH receptor antibody; PTH/PTHr receptor antibody; PTH/PTHrP receptor antibody; PTH/PTHrP type I receptor antibody; PTH1 receptor antibody; PTH1R antibody; PTH1R_HUMAN antibody; PTHR 1 antibody; PTHR antibody; PTHR1 antibody; anti-PTH1R antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human Predicted to work with: Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	593
Applicable Applications for anti-PTH1R antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Parathyroid Hormone Receptor 1 (388-406aa KLRETNAGRC DTRQQYRKL), identical to the related mouse and rat sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-Parathyroid Hormone Receptor 1 antibody, AAA45366, IHC(P)IHC(P): Human Thyroid Cancer Tissue



WB (Western Blot)

Anti-Parathyroid Hormone Receptor 1 antibody, AAA45366, Western blottingAll lanes: Anti Parathyroid Hormone Receptor 1 (AAA45366) at 0.5ug/mlLane 1: SKOV Whole Cell Lysate at 40ugLane 2: U20S Whole Cell Lysate at 40ugLane 3: HELA Whole Cell Lysate at 40ugLane 4: SMMC Whole Cell Lysate at 40ugPredicted bind size: 66KDObserved bind size: 66KD

ADDITIONAL INFORMATION

Related Product Information for anti-PTH1R antibody	Description: Rabbit IgG polyclonal antibody for Parathyroid hormone/parathyroid hormone-related peptide receptor(PTH1R) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat. Background: Parathyroid hormone/parathyroid hormone-related peptide receptor, also known as PTH1R, PTHR, is a protein that in humans is encoded by the PTH1R gene. PTHR is a member of a family of G protein-coupled receptors. PTHR gene was mapped to the vicinity of the 3p21.3-p21.2 boundary by PCR analysis of human/rodent somatic cell hybrid panels using oligonucleotide primers designed to amplify a portion of the gene from genomic DNA. This is a receptor for parathyroid hormone and for parathyroid hormone-related peptide. The activity of this receptor is mediated by G proteins which activate adenyl cyclase and also a phosphatidylinositol-calcium second messenger system. PTH1R functions as a receptor for parathyroid hormone and for parathyroid hormone-related protein.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	417555
NCBI GeneID	5745
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.