



## Parathyroid hormone/parathyroid hormone-related peptide receptor Polyclonal Antibody

Catalog No         BYab-13756           Isotype         IgG           Reactivity         Human;Rat;Mouse;           Applications         WB;IHC;IF;ELISA           Gene Name         PTH1R PTHR PTHR1           Protein Name         Parathyroid hormone/parathyroid hormone-related peptide receptor           Immunogen         Synthetic peptide from human protein at AA range: 46-122           Specificity         The antibody detects endogenous Parathyroid hormone/parathyroid hormone-related peptide receptor           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit,IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000. IF 1:50-200           Concentration         1 mg/ml           Purity         290%           Storage Stability         -20°C/1 year           Synonyms         Parathyroid hormone/parathyroid hormone-related peptide receptor (PTH/PTHr Ptype I receptor;PTH/PTHr receptor;Parathyroid hormone 1 receptor;PTH1 receptor;Parathyroid hormone 1 receptor;PTH1 receptor;PTH1P are 2 acause of primary failure of tooth eruption (PFE) (MIM:125350). PFE is a rare condition that has high penetrance and variable expressivity and in which tooth retention occurs without evidence and variable expressivity and in which toot		
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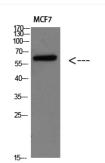


	[MIM:215045]. BOCD is a severe skeletal dysplasia., disease: Defects in PTH1R are the cause of Eiken syndrome [MIM:600002]; also called Eiken skeletal dysplasia or bone modeling defect of hands and feet. Eiken syndrome is a rare familial autosomal recessive skeletal dysplasia. It is characterized by multiple epiphyseal dysplasia, with extremely retarded ossification, pri
Background	The protein encoded by this gene is a member of the G-protein coupled receptor family 2. This protein is a receptor for parathyroid hormone (PTH) and for parathyroid hormone-like hormone (PTHLH). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and also a phosphatidylinositol-calcium second messenger system. Defects in this receptor are known to be the cause of Jansen's metaphyseal chondrodysplasia (JMC), chondrodysplasia Blomstrand type (BOCD), as well as enchodromatosis. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, May 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

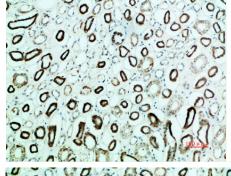




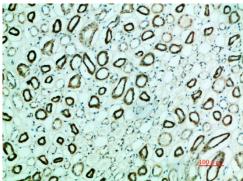
## **Products Images**



Western blot analysis of MCF7 Cell Lysate, antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200

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