

PTH1R Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22170a

Specification

PTH1R Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	Q03431
Other Accession	Q5RAQ1
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	66361

PTH1R Antibody (N-Term) - Additional Information

Gene ID 5745

Other Names

Parathyroid hormone/parathyroid hormone-related peptide receptor, PTH/PTHrP type I receptor, PTH/PTHr receptor, Parathyroid hormone 1 receptor, PTH1 receptor, PTH1R, PTHR, PTHR1

Target/Specificity

This PTH1R antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 52-86 amino acids from human PTH1R.

Dilution

WB~~1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PTH1R Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

PTH1R Antibody (N-Term) - Protein Information

Name PTH1R

Synonyms PTHR, PTHR1

Function Receptor for parathyroid hormone and for parathyroid hormone- related peptide. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and also a phosphatidylinositol-calcium second messenger system.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

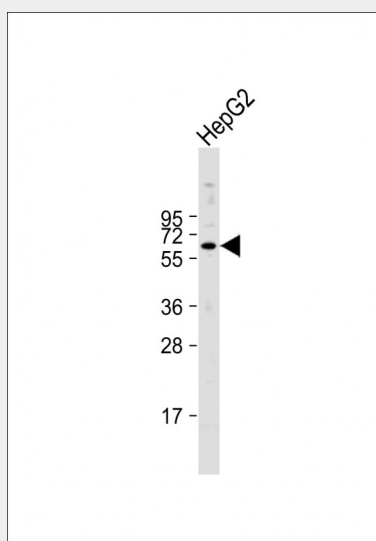
Expressed in most tissues. Most abundant in kidney, bone and liver.

PTH1R Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTH1R Antibody (N-Term) - Images



Anti-PTH1R Antibody (N-Term) at 1:2000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 66 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

PTH1R Antibody (N-Term) - Background

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 adenylyl cyclase and also a phosphatidylinositol-calcium second messenger system.

PTH1R Antibody (N-Term) - References

Schipani E.,et al.Endocrinology 132:2157-2165(1993).
Schneider H.,et al.Eur. J. Pharmacol. 246:149-155(1993).
Schipani E.,et al.J. Clin. Endocrinol. Metab. 80:1611-1621(1995).
Levine M.A.,et al.Submitted (NOV-1994) to the EMBL/GenBank/DDBJ databases.
King M.M.,et al.Submitted (OCT-2003) to the EMBL/GenBank/DDBJ databases.