

PTHR / PTHR1 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS10160**Specification**

PTHR / PTHR1 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	Q03431
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66kDa KDa

PTHR / PTHR1 Antibody (Internal) - 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

Human PTH1R. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except FAM38A (47%), ZFH3 (47%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

PTHR / PTHR1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

PTHR / PTHR1 Antibody (Internal) - 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.

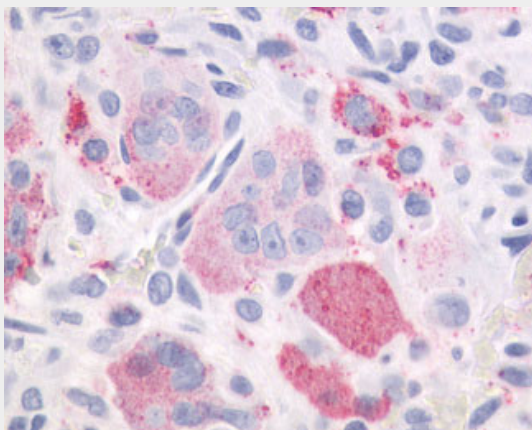
Volume
50 µl

PTHr / PTHR1 Antibody (Internal) - Protocols

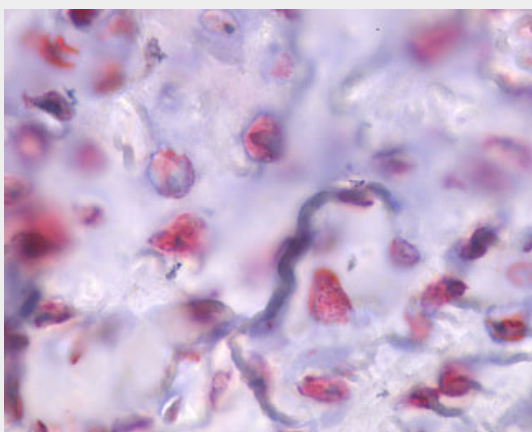
Provided below are standard protocols that you may find useful for product applications.

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

PTHr / PTHR1 Antibody (Internal) - Images



Anti-PTHr / PTHR1 antibody IHC of human bone, giant cell tumor.



Anti-PTHr / PTHR1 antibody IHC of human bone, fractured callus.

PTHr / PTHR1 Antibody (Internal) - 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.

PTHR / PTHR1 Antibody (Internal) - 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.