

PTHR / PTHR1 Antibody (aa145-194)
Rabbit Polyclonal Antibody
Catalog # ALS13981**Specification**

PTHR / PTHR1 Antibody (aa145-194) - Product Information

Application	WB, IHC-P, IF, E
Primary Accession	Q03431
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200 E~~N/A

PTHR / PTHR1 Antibody (aa145-194) - 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

PTHR1 Antibody detects endogenous levels of total PTHR1 protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

PTHR / PTHR1 Antibody (aa145-194) is for research use only and not for use in diagnostic or therapeutic procedures.

PTHR / PTHR1 Antibody (aa145-194) - 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.

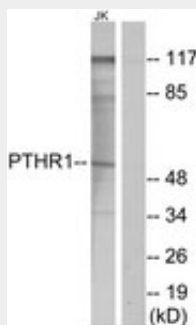
PTHR / PTHR1 Antibody (aa145-194) - Protocols

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

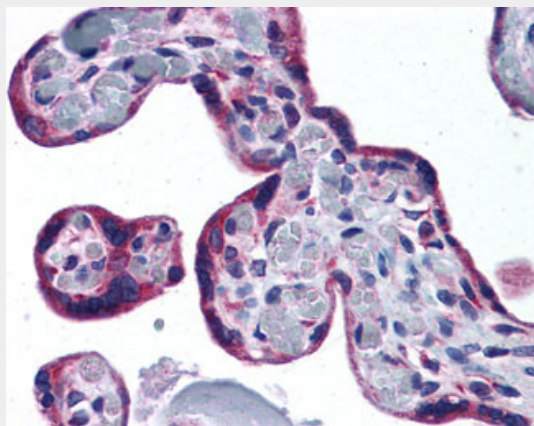
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTHR / PTHR1 Antibody (aa145-194) - Images

Immunofluorescence of MCF7 cells, using PTHR1 Antibody.



Western blot of extracts from Jurkat cells, using PTHR1 Antibody.



Anti-PTH1R antibody IHC of human placenta.

PTHR / PTHR1 Antibody (aa145-194) - 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 (aa145-194) - 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.