

PTHR2 / PTH2R Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10077

Specification

PTHR2 / PTH2R Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	P49190
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62kDa KDa

PTHR2 / PTH2R Antibody (C-Terminus) - Additional Information

Gene ID 5746

Other Names

Parathyroid hormone 2 receptor, PTH2 receptor, PTH2R, PTHR2

Target/Specificity

Human PTH2R / PTHR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

PTHR2 / PTH2R Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

PTHR2 / PTH2R Antibody (C-Terminus) - Protein Information

Name PTH2R

Synonyms PTHR2

Function

This is a specific receptor for parathyroid hormone. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. PTH2R may be responsible for PTH effects in a number of physiological systems. It may play a significant role in pancreatic function. PTH2R presence in neurons indicates that it may function as a neurotransmitter receptor (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Expressed abundantly in brain and pancreas. Also expressed in the testis.

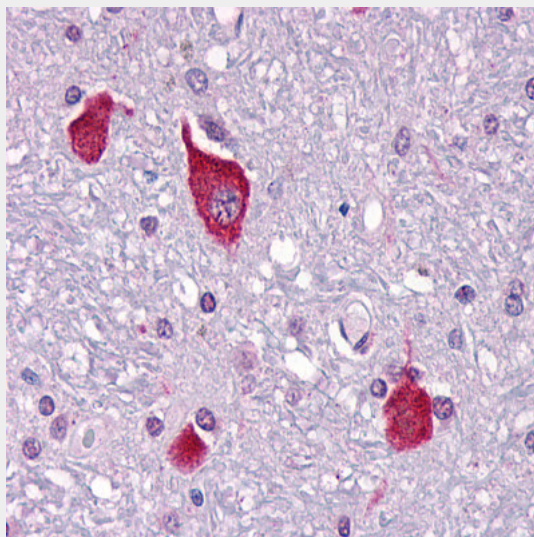
Volume
50 µl

PTH2R / PTH2R Antibody (C-Terminus) - 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](#)

PTH2R / PTH2R Antibody (C-Terminus) - Images



Anti-PTH2R / PTH2R antibody ALS10077 IHC of human brain, neurons and glia.

PTH2R / PTH2R Antibody (C-Terminus) - Background

This is a specific receptor for parathyroid hormone. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. PTH2R may be responsible for PTH effects in a number of physiological systems. It may play a significant role in pancreatic function. PTH2R presence in neurons indicates that it may function as a neurotransmitter receptor (By similarity).

PTH2R / PTH2R Antibody (C-Terminus) - References

Usdin T.B.,et al.J. Biol. Chem. 270:15455-15458(1995).
King M.M.,et al.Submitted (DEC-2003) to the EMBL/GenBank/DDBJ databases.
Usdin T.B.,et al.Genomics 37:140-141(1996).
John M.R.,et al.Endocrinology 143:1047-1057(2002).