

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

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

Application	IHC
Primary Accession	<a href="#">P49190</a>
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.

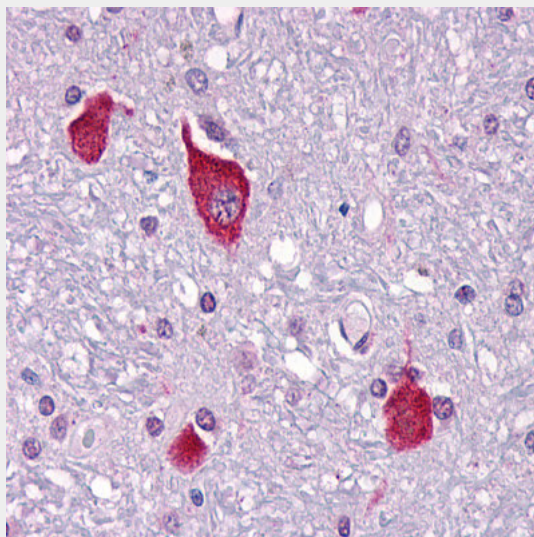
**Volume**  
50 µl

### **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).