PTH2R Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PTH2R, Polyclonal Antibody
Full Product Name	PTH2R Polyclonal Antibody
Product Gene Name	anti-PTH2R antibody
Product Synonym Names	Parathyroid hormone 2 receptor; PTH2 receptor; PTH2R; PTHR2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	60
OMIM	601469
3D Structure	ModBase 3D Structure for P49190
Immunogen	Synthesized peptide derived from human protein. at AA range: 160-240
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PTH2R antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-PTH2R antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-PTH2R antibody	MBS8532044 is an antibody targeting PTH2R. Also known as PTH2R Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-PTH2R antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PTH2R. It may not necessarily be applicable to this product.

NCBI GI #	828747943
NCBI GeneID	5746
NCBI Accession #	NP_001296445.1
UniProt Primary Accession #	P49190
UniProt Secondary Accession #	Q8N429
UniProt Related Accession #	P49190
GenBank Nucleotide #	NM_001309516.1

NCBI Official Full Name	parathyroid hormone 2 receptor isoform 2
NCBI Official Synonym Full Names	parathyroid hormone 2 receptor
NCBI Official Symbol	PTH2R
NCBI Official Synonym Symbols	PTHR2
UniProt Protein Name	Parathyroid hormone 2 receptor
Protein Family	Parathyroid hormone 2 receptor
UniProt Gene Name	PTH2R
UniProt Synonym Gene Names	PTHR2; PTH2 receptor
NCBI Protein Information	parathyroid hormone 2 receptor
NCBI Summary for PTH2R	The protein encoded by this gene is a member of the G-protein coupled receptor 2 family. This protein is a receptor for parathyroid hormone (PTH). This receptor is more selective in ligand recognition and has a more specific tissue distribution compared to parathyroid hormone receptor 1 (PTHR1). It is activated only by PTH and not by parathyroid hormone-like hormone (PTHLH) and is particularly abundant in brain and pancreas. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]
UniProt Comments for PTH2R	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 ().
Research Articles on PTH2R	**1.** PTH2R and its ligand TIP39 regulate intracellular calcium and influence keratinocyte differentiation
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