



PTH2R Polyclonal Antibody

Catalog No	YP-Ab-07539
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	PTH2R PTHR2
Immunogen	Synthesized peptide derived from human protein . at AA range: 160-240
Specificity	PTH2R Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	parathyroid hormone 2 receptor;PTH2 receptor;PTHR2;PTH2R;PTH2R PTHR2; Parathyroid hormone 2 receptor (PTH2 receptor)
Observed Band	62-66 kDa
Calculated Molecular Weight	550 aa, 62 kDa
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Expressed abundantly in brain and pancreas. Also expressed in the testis.
Function	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.,similarity:Belongs to the G-protein coupled receptor 2 family.,subunit:Binds to TIPF39/TIP39.,tissue specificity:Expressed abundantly in brain and pancreas. Also expressed in the testis.,
Background	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 (PTH1R). It is activated only by PTH and not by parathyroid hormone-like hormone (PTH1LH) and is particularly abundant in brain and pancreas. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images