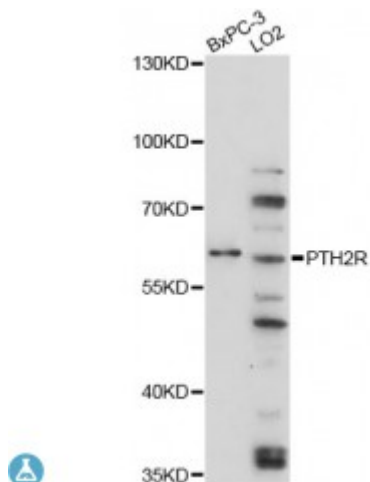


Anti-PTH2R Antibody



Description

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 (PTHrP) and is particularly abundant in brain and pancreas. Alternative splicing results in multiple transcript variants.

Model	STJ117808
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 27-145 of human PTH2R (NP_005039.1).
Gene ID	5746
Gene Symbol	PTH2R
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed abundantly in brain and pancreas, Also expressed in the testis
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Parathyroid hormone 2 receptor PTH2 receptor
Molecular Weight	62.236 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:9609OMIM:601469Reactome:R-HSA-373080
Alternative Names	Parathyroid hormone 2 receptor PTH2 receptor
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 ,
Cellular Localization	Cell membrane

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