

Datasheet for ABIN2789998
anti-PTH2R antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PTH2R
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTH2R antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human PTH2R
Sequence:	NSEQDCLPHS FHEETKEDSG RQGDDILMEK PSRPMESNPD TEGCQGETED
Predicted Reactivity:	Cow: 79%, Guinea Pig: 86%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against PTH2R. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PTH2R
Alternative Name:	PTH2R (PTH2R Products)
Background:	The protein encoded by this gene is a member of the G-protein coupled receptor family 2. This

Target Details

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.

Alias Symbols: PTHR2

Protein Interaction Partner: HMG20A, GRHPR, PTH2, PTH, CALM1,

Protein Size: 550

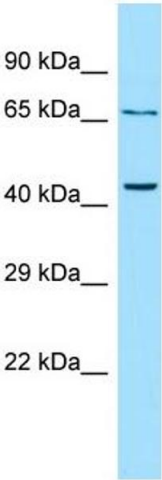
Molecular Weight:	60 kDa
Gene ID:	5746
NCBI Accession:	NM_005048 , NP_005039
UniProt:	P49190
Pathways:	cAMP Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 550 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-PTH2R Antibody Titration: 1.0 ug/ml Positive Control: OVCAR-3 Whole Cell PTH2R is supported by BioGPS gene expression data to be expressed in OVCAR3