

Datasheet: 0100-0186

Description:	RABBIT ANTI PARATHYROID HORMONE RECEPTOR 2 (EXTRACELLULAR DOMAIN 1)
Specificity:	PARATHYROID HORMONE RECEPTOR 2 (EXTRACELLULAR DOMAIN 1)
Other names:	PTH2R
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.abdserotec.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA			■	
Western Blotting	■			1/20 - 1/100

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Ig fraction prepared by ammonium sulphate precipitation
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 5.0 mg/ml
Immunogen	Synthetic peptide corresponding to the amino acids 99 - 116 of the parathyroid hormone receptor 2 molecule.
External Database Links	<p>UniProt: P49190 PTH2R_HUMAN Related reagents</p> <p>Entrez Gene: 5746 PTH2R Related reagents</p>
Synonyms	PTH2R

Specificity

0100-0186 is specific for the extracellular domain 1 of parathyroid hormone receptor 2. A member of the G-protein coupled receptor family, particularly abundant in the brain and pancreas. It may be responsible for PTH effects in a number of physiological systems and may play a significant role in pancreatic function. Binds parathyroid hormone, but shows very low affinity for PTHrP. This molecule is expressed in only a few tissues, and its structure and physiologic significance are poorly characterized. Type 2 receptor, is coupled to adenylyl cyclase, ligand binding induces a rise in intracellular concentration of cyclic AMP.
PTH-Rec 2 (99-116) 100%

PTH-Rec 1 (63-82) 0.06%
PTH-Rec 1 (562-580) 0.4%

Peptide Sequence	AFRHCNPNGTWDFMHSLN
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet Documentation #10040 available at: http://www.abdserotec.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR36...) [DyLight@800](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR54...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

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