

Product datasheet for TA356139

OriGene Technologies, Inc.

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Parathyroid Hormone Receptor 1 (PTH1R) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the N-terminal region of human

PTH1R

Specificity: Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat

Homology: Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse:

100%; Pig: 100%; Rabbit: 100%; Rat: 100%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

Storage: 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.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 36kDa

Gene Name: parathyroid hormone 1 receptor

Database Link: NP 000307.1

Entrez Gene 5745 Human

Q03431





Parathyroid Hormone Receptor 1 (PTH1R) Rabbit Polyclonal Antibody - TA356139

Background: The protein encoded by this gene is a member of the G-protein coupled receptor family 2.

This protein is a receptor for parathyroid hormone (PTH) and for parathyroid hormone-like hormone (PTHLH). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and also a phosphatidylinositol-calcium second messenger system. Defects in this receptor are known to be the cause of Jansen's metaphyseal chondrodysplasia (JMC), chondrodysplasia Blomstrand type (BOCD), as well as enchodromatosis. Two transcript

variants encoding the same protein have been found for this gene.

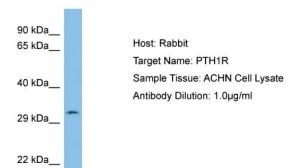
Synonyms: MGC138426; MGC138452; OTTHUMP00000209970; OTTHUMP00000209971; PFE; PTHR;

PTHR1

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



Host: Rabbit

Target Name: PTH1R

Sample Type: ACHN Whole Cell lysates

Antibody Dilution: 1.0ug/ml