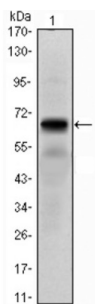
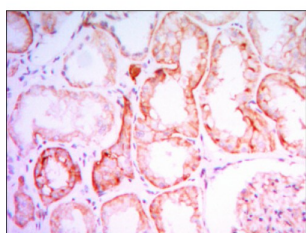


Parathyroid Hormone Receptor 1 (PTH1R) Antibody

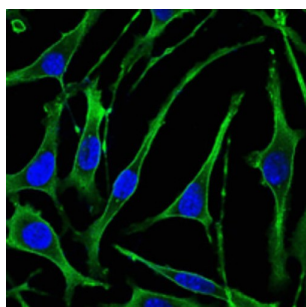
Catalogue No.: abx011776



Western blot analysis using PTH1R antibody against PTH1R (AA: 27-188) -hlgGfC transfected HEK293 cell lysate.



Immunohistochemical analysis of paraffin-embedded human kidney tissues using PTH1R antibody with DAB staining.



Immunofluorescence analysis of SK-BR-3 cells using PTH1R antibody (green). Blue: DRAQ5 fluorescent DNA dye.

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 (PTHrP). 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 enchondromatosis. Two transcript variants encoding the same protein have been found for this gene.

Target: Parathyroid Hormone Receptor 1 (PTH1R)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, IHC, IF/ICC

Host: Mouse

Datasheet

Version: 3.0.0
Revision date: 20 Aug 2025



Recommended dilutions: ELISA: 1/10000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human PTH1R expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Unpurified ascites.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q03431 ([UniProt](#), [ExPASy](#))

Gene Symbol: PTH1R

GeneID: [5745](#)

OMIM: [125350](#)

HGNC: 9608

KEGG: hsa:5745

Ensembl: ENSG00000160801

String: [9606.ENSP00000321999](#)

Molecular Weight: 66 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.