

Product datasheet for **TA366215S**

Parathyroid Hormone Receptor 1 (PTH1R) Rabbit Polyclonal Antibody

Product data:

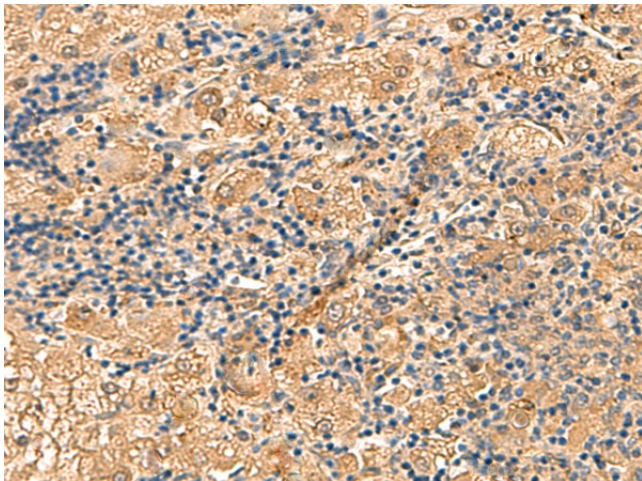
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-300 Positive control: Human liver cancer Predicted cell location: Cytoplasm or Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PTH1R
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	parathyroid hormone 1 receptor
Database Link:	Entrez Gene 5745 Human Q03431

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 (PTH_{LH}). 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.

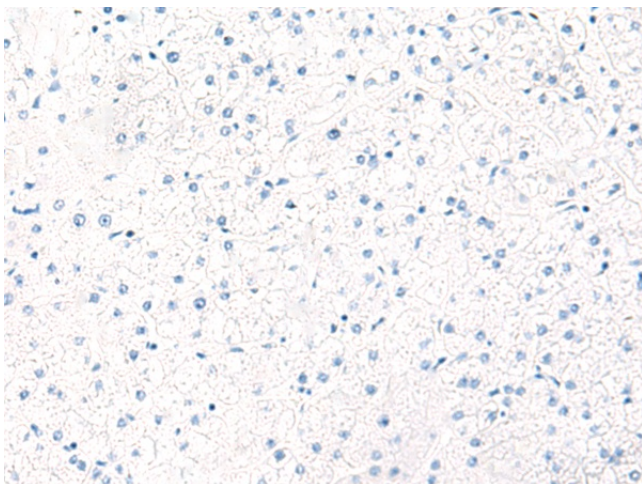
Synonyms: MGC138426; MGC138452; OTTHUMP00000209970; OTTHUMP00000209971; PFE; PTHR; PTHR1



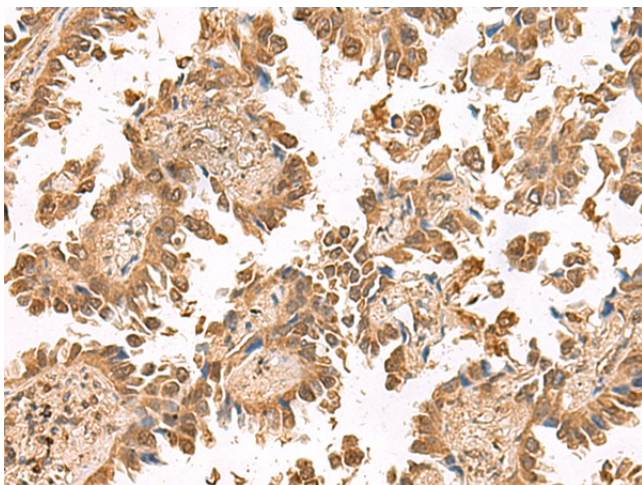
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Product images:

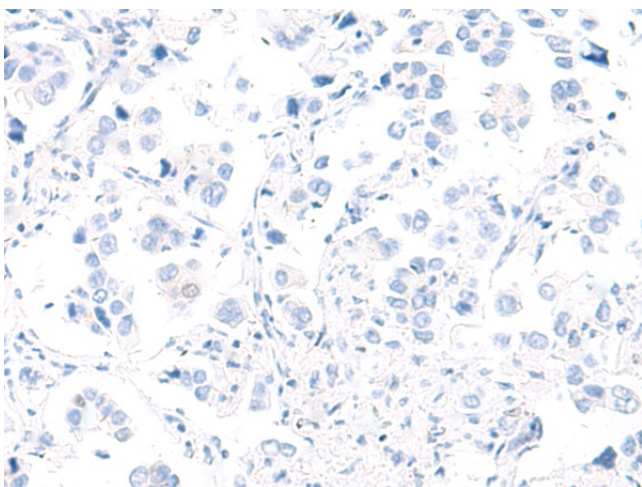
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA366215] (PTH1R Antibody) at dilution 1/55 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA366215] (PTH1R Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA366215] (PTH1R Antibody) at dilution 1/55 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA366215] (PTH1R Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: $\times 200$)