

Anti-Parathyroid Hormone Receptor 1 Monoclonal Antibody

Catalog Number: M01588

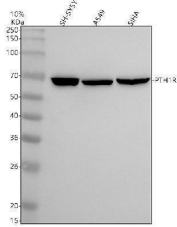
Overview

Product Name	Anti-Parathyroid Hormone Receptor 1 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Parathyroid Hormone Receptor 1 Monoclonal Antibody catalog # M01588. Tested in WB, IP applications. This antibody reacts with Human.
Application	IP, WB
Clonality	Monoclonal AEHO-16
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q03431

Technical Details

Immunogen	A synthesized peptide derived from human Parathyroid Hormone Receptor 1 Receptor for parathyroid hormone and for parathyroid hormone-related peptide. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and also a phosphatidylinositol-calcium second messenger system.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IP 1:50

Anti-Parathyroid Hormone Receptor 1 Monoclonal Antibody (M01588) Images



Western blot analysis of PTH1R using anti-PTH1R antibody (M01588). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human SH-SY5Y whole cell lysates, Lane 2: human A549 whole cell lysates, Lane 3: human SIHA whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-PTH1R antigen affinity purified monoclonal antibody (M01588) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for PTH1R at approximately 66 kDa. The expected band size for PTH1R is at 66 kDa.

2 Publications Citing This Product

1. PubMed ID: 26000041, TGF- β Induces Degradation of PTHrP Through Ubiquitin-Proteasome System in Hepatocellular Carcinoma
2. PubMed ID: 27069479, Effects of Intermittent Administration of Parathyroid Hormone (1-34) on Bone Differentiation in Stromal Precursor Antigen-1 Positive Human Periodontal Ligament Stem Cells

Visit bosterbio.com/anti-parathyroid-hormone-receptor-1-antibody-m01588-boster.html to see all 2 publications.

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