

Rabbit anti-Human Parathyroid Hormone Receptor 1 Monoclonal Antibody | anti-PTH1R antibody

Anti-Parathyroid Hormone Receptor 1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125141	Rabbit	Human	Western Blot, Immunoprecipitation

PRODUCT SYNONYMS

Parathyroid Hormone Receptor 1; Monoclonal Antibody; Anti-Parathyroid Hormone Receptor 1 Monoclonal Antibody; anti-PTH1R antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	AEHO-16
Specificity	No cross reactivity with other proteins.
Purity/Purification	Affinity-Chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5 mg/mL BSA.
Sequence Length	593
Applicable Applications for anti-PTH1R antibody	WB (Western Blot), IP (Immunoprecipitation)
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.
Preparation and Storage	For short term storage and frequent use, store at 4°C for up to one month. For long term store at -20°C. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of PTH1R using anti-PTH1R antibody (AAA125141).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 (AAA125141) 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 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.

ADDITIONAL INFORMATION

Related Product Information for anti-PTH1R antibody	Rabbit IgG Monoclonal antibody for Q03431 detection. Tested positive for WB IP in Human
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506271
NCBI GeneID	5745
NCBI Accession #	NP_000307.1
NCBI GenBank Nucleotide #	NM_000316.3
UniProt Accession #	Q03431; Q2M1U3
Molecular Weight	66,361 Da
NCBI Official Full Name	parathyroid hormone/parathyroid hormone-related peptide receptor
NCBI Official Synonym Full Names	parathyroid hormone 1 receptor
NCBI Official Symbol	PTH1R
NCBI Official Synonym Symbols	PFE; PTHR; PTHR1
NCBI Protein Information	parathyroid hormone/parathyroid hormone-related peptide receptor
UniProt Protein Name	Parathyroid hormone/parathyroid hormone-related peptide receptor
UniProt Gene Name	PTH1R
UniProt Synonym Gene Names	PTHR; PTHR1; PTH/PTHr receptor; PTH1 receptor

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/parathyroid-hormone-receptor-1-antibody-clone-aeho-16-western-blot-immunoprecipitation-elisa/125141>