

MaxPab®

PTH1R purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005745-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PTH1R protein.
Immunogen	PTH1R (ADR83225.1, 1 a.a. ~ 593 a.a) full-length human protein.
Sequence	MGTARIAPGLALLLCCPVLSSAYALVDADDVMTKEEQIFLLHRAQAQCEKRLKEVLQRPASIMES DKGWTSASTSGKPRKDKASGKLYPESEEDKEAPTGSRYRGRPCLPEDWHLWCWPLGAPGEVVA VPCPDYYDFNHKGHAYRRCDRNGSWELVPGHNRTWANYSECVKFLTNETREREVFDRLGMYT VGYSVSLASLTVAVLILAYFRRLHCTRNYIHMHLFLSFMLRAVSIFVKDAVLYSGATLDEAERLTEEE LRAIAQAPPPATAAAGYAGCRVAVTFFLYFLATNYYWILVEGLYLHSLIFMAFFSEKKYLWGFTVF GWGLPAVFVAVWVSVRATLANTGCWDLSSGNKKWIIQVPIASVLNFIINMRVLATKLRETNAG RCDTRQQYRKLLKSTLVLMPFLFGVHYVFMATPYTEVSGTLWQVQMHYEMLFNSFQGFFVAIYCF CNGEVQAEIKKSWRWTALDFKRKARSGSSSYSGPMVSHTSVTNVGPRVGLGLPLSPRLPT ATTNGHPQLPGHAKPGTPALETLETPPAMAAPKDDGFLNGSCSGLDEEASGPERPPALLQEE WETVM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — PTH1R

Entrez GeneID [5745](#)

GeneBank Accession# [HQ258471.1](#)

Protein Accession# [ADR83225.1](#)

Gene Name PTH1R

Gene Alias MGC138426, MGC138452, PTHR, PTHR1

Gene Description parathyroid hormone 1 receptor

Omim ID [156400](#) [166000](#) [168468](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations PTH/PTHr receptor|PTH/PTHrP type I receptor|parathyroid hormone receptor 1|parathyroid hormone/parathyroid hormone-related peptide receptor|parathyroid hormone/parathyroid hormone-related protein receptor|seven transmembrane helix receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Bone Resorption](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)