

Parathyroid hormone receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database

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Abstract

The parathyroid hormone receptors (**nomenclature as agreed by the NC-IUPHAR Subcommittee on Parathyroid Hormone Receptors [47]**) are family B G protein-coupled receptors. The parathyroid hormone (PTH)/parathyroid hormone-related peptide (PTHrP) receptor (PTH1 receptor) is activated by precursor-derived peptides: **PTH** (84 amino acids), and **PTHrP** (141 amino-acids) and related peptides (PTH-(1-34), **PTHrP-(1-36)**). The parathyroid hormone 2 receptor (PTH2 receptor) is activated by the precursor-derived peptide **TIP39** (39 amino acids). [¹²⁵I]PTH may be used to label both PTH1 and PTH2 receptors.

Contents

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Parathyroid hormone receptors

<http://www.guidetopharmacology.org/GRAC/FamilyDisplayForward?familyId=53>

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PTH1 receptor

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PTH2 receptor

<http://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=332>

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