

[Open Peer Review on Qeios](#)

# Renal Parathyroid Hormone Resistance

National Cancer Institute

## Source

National Cancer Institute. *Renal Parathyroid Hormone Resistance*. NCI Thesaurus. Code C131135.

Parathyroid hormone resistance caused by defects in methylation in the GNAS gene that cause loss of expression of Gs-alpha from the maternal allele in renal tissue, resulting in decreased phosphate excretion and increased calcium excretion. Individuals with this condition may also have brachydactyly and partial resistance to thyroid-stimulating hormone.