

DNAxPAb

Hard-to-Find
Antibody

PHEX DNAxPab

Catalog # H00005251-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PHEX DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MEAETGSSVETGKKANRGTRIALVVFVGGTLVLGTILFLVSQGLLSLQAKQEYCLKPECIEAAAAAIL
SKVNLSVDPCDNFFRFACDGWISNNPIEDMPSYGVYPWLRHNVDLKLKELLEKSISRRRDTEAI
QKAKILYSSCMNEKAIEKADAKPLLHILRHSPFRWPVLESNIGPEGVWSERKFSLLQTLATFRGQY
SNSVFIRLYVSPDDKASNEHILKLDQATLSLAVREDYLDNSTEAKSYRDALYKFMVDTAVLLGANS
SRAEHDMKSVLRLEIKIAEIMPHENRTSEAMYNKMNISELSAMIPQFDWLGYKKVIDTRLYPHLKDI
SPSENVVVRVPQYFKDLFRILGSERKKTIANYLVWRMVYSRIPNLSRRFQYRWLEFSRVIQGTITLL
PQWDKCVNFIESALPYVVGKMFVDVYFQEDKKEMMEELVEGVRWAFIDMLEKENEWMDAGTK
RKAKEKARAVLAKVGYPEFIMNDTHVNEDLKAIFSEADYFGNVLQTRKYLAQSDFFWLKAVPK
TEWFTNPTTVNAFYASTNQIRFPAGELQKPFFWGTEYPRSLSYGAIGVVGHEFTHGFDNNGRKY
DKNGNLDPWVWSTEESEKFKEKTKCMINQYSNYWKKAGLNVKGKRTLGENIADNGGLREAFRAY
RKWINDRRQGLEEPLLPGITFTNNQLFFLSYAHVRCNSYRPEAAREQVQIGAHSPPQFRVNGAISN
FEEFQKAFNCPPNSTMNRGMDSCRLW

Host Rabbit

Reactivity Human

Purification Protein A

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](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PHEX

Entrez GeneID [5251](#)

GeneBank Accession# [NM_000444.3](#)

Protein Accession# [NP_000435.3](#)

Gene Name PHEX

Gene Alias HPDR, HPDR1, HYP, HYP1, PEX, XLH

Gene Description phosphate regulating endopeptidase homolog, X-linked

Omim ID [300550 307800](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a transmembrane endopeptidase that belongs to the type II integral membrane zinc-dependent endopeptidase family. The protein is thought to be involved in bone and dentin mineralization and renal phosphate reabsorption. Mutations in this gene cause X-linked hypophosphatemic rickets. [provided by RefSeq]

Other Designations OTTHUMP00000023051|phosphate regulating gene with homologies to endopeptidases on the X chromosome (hypophosphatemia, vitamin D resistant rickets)|phosphate-regulating neutral endopeptidase

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)

- [Hyperparathyroidism](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)