

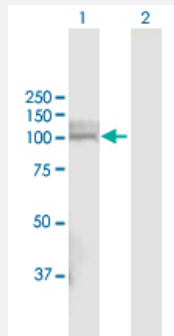
MaxPab®

# PHEX purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005251-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of PHEX expression in transfected 293T cell line ([H00005251-T02](#)) by PHEX MaxPab polyclonal antibody.

Lane 1: PHEX transfected lysate(86.50 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human PHEX protein.

### Immunogen

PHEX (NP\_000435.3, 1 a.a. ~ 749 a.a) full-length human protein.

### Sequence

MEAETGSSVETGKKANRGTRIALVVFVGGTLVLGTILFLVSQGLLSLQAKQEYCLKPECIEAAAAAIL  
SKVNLSVDPDCDNFFRFACDGWISNNPIEDMPsyGVYPWLRHNVDLKLKELLEKSISRRRDTEAI  
QKAKILYSSCMNEKAIEKADAKPLLHLRHSPFRWPVLESNIGPEGVWSEKFSLLQTLATFRGQY  
SNSVFIRLYVSPDDKASNEHILKLDQATLSLAVREDYLDNSTEAKSYRDALYKFMVDTAVLLGANS  
SRAEHDMKSVLRLEIKIAEIMPHENRTSEAMYNKMNISELSAMIPQFDWLGYKKVIDTRLYPHLKDI  
SPSENVVVRVPQYFKDLFRILGSEKKTIANYLWVRMVYSRIPNLSRRFQYRWLEFSRVIQGTTLTLL  
PQWDKCVNFIESALPYVVGKMFVDVYFQEDKKEMMEELVEGVRWAFIDMLEKENEWMDAGTK  
RKAKEKARAVLAKVGYPEFIMNDTHVNEDLKAIFSEADYFGNVLQTRKYLAQSDFFWLRKAVPK  
TEWFTNPTTVNAFYASTNQIRFPAGELQKPFWGTETPRSLSYGAIGVIVGHEFTHGFDNNGRKY  
DKNGNLDPPWWSTESEEFKEKTKCMINQYSNYWKKAGLNVKGKRTLGENIADNGGLREAFRAY  
RKWINDRRQGLEEPLLPGITFTNNQLFFLSYAHVRCNSYRPEAAREQVQIGAHSPPQFRVNGAISN  
FEEFQKAFNCPPNSTMNRGMDSCRLW

### Host

Rabbit

### Reactivity

Human

### 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.

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[Protocol Download](#)

## 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

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- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Metabolic Syndrome X](#)
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- [Osteoporosis](#)