

## PHEX Rabbit pAb

CatalogNo: YN8732

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 82kD (Calculated)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human PHEX

**Specificity** This antibody detects endogenous levels of PHEX at Human, Mouse

### Target Information

**Gene name** PHEX PEX

<b>Protein Name</b>	Phosphate-regulating neutral endopeptidase (Metalloendopeptidase homolog PEX) (Vitamin D-resistant hypophosphatemic rickets protein) (X-linked hypophosphatemia protein) (HYP)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">5251</a> ;	<a href="#">P78562</a> ;
	Mouse	<a href="#">18675</a> ;	<a href="#">P70669</a> ;
<b>Cellular Localization</b>	Cell membrane ; Single-pass type II membrane protein .		
<b>Tissue specificity</b>	Specifically expressed in ovary (PubMed:9070861). Expressed at low levels in kidney (PubMed:9070861).		
<b>Function</b>	Peptidase that cleaves SIBLING (small integrin-binding ligand, N-linked glycoprotein)-derived ASARM peptides, thus regulating their biological activity . Cleaves ASARM peptides between Ser and Glu or Asp residues . Regulates osteogenic cell differentiation and bone mineralization through the cleavage of the MEPE-derived ASARM peptide . Promotes dentin mineralization and renal phosphate reabsorption by cleaving DMP1- and MEPE-derived ASARM peptides . Inhibits the cleavage of MEPE by CTSB/cathepsin B thus preventing MEPE degradation .		

## Validation Data

## Contact information

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