PHEX rabbit monoclonal antibody

Catalog # H00005251-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PHEX peptide using ARM Technology.
Immunogen	A synthetic peptide of human PHEX is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PHEX peptide by ELISA and mammalian transfected lysate by We stern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — PHEX

Entrez GeneID	5251
GeneBank Accession#	PHEX
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