

À des fins de recherche uniquement

# Anticorps Monoclonal anti-PHEX

Numéro de catalogue: 66934-1-Ig **1 Publications**



## Informations de base

Numéro de catalogue: 66934-1-Ig	Numéro d'acquisition GenBank: BC105059	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5251	CloneNo.: 1D4B2
Hôte: Mouse	Nom complet: phosphate regulating endopeptidase homolog, X-linked	Dilutions recommandées: WB 1:500-1:3000 IHC 1:250-1:1000
Isotype: IgG1	MW calculé 749 aa, 86 kDa	
Immunogen Catalog Number: AG20290	MW observés: 86-100 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Demandes citées:

WB

### Spécificité de l'espèce:

Humain, porc, rat

### Espèces citées:

rat

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules HEK-293, tissu pulmonaire de porc, tissu pulmonaire de rat

IHC : tissu de cancer du poumon humain,

## Informations générales

PHEX encodes a transmembrane endopeptidase that belongs to the type II integral membrane zinc-dependent endopeptidase family. The protein usually expressed in osteocytes, osteoblasts and odontoblasts, and it was thought to be involved in bone and dentin mineralization and renal phosphate reabsorption (PMID:28982589). Otherwise, studies showed that PHEX transcripts were identified in human osteosarcoma-derived cells and in differentiated mouse osteoblasts, but not in immature mouse preosteoblasts, indicating the stage-specific expression of the protein (PMID:9199999). Defects in PHEX are responsible for X-linked hypophosphatemic rickets (HYP) (PMID:22339660). Glycosylation of proteins results in higher molecular weight, and about 95-100 kDa band were reported (PMID:25128529; PMID:18728349).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Mark A Plantz	33831576	Acta Biomater	WB

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

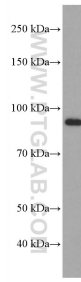
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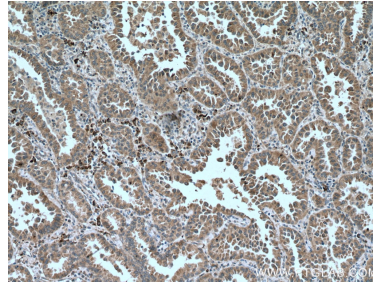
E: proteintech@ptglab.com  
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## Données de validation sélectionnées



HEK-293 cells were subjected to SDS PAGE followed by western blot with 66934-1-Ig (PHEX antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66934-1-Ig (PHEX antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).