

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MEPE



Numéro de catalogue: 23256-1-AP

Informations de base

Numéro de catalogue:

23256-1-AP

Taille:

150ul, Concentration: 1000 µg/ml by Nanodrop and 540 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG19758

Numéro d'acquisition GenBank:

BC128158

Identification du gène (NCBI):

56955

Nom complet:

matrix extracellular phosphoglycoprotein

MW calculé

525 aa, 58 kDa

MW observés:

98 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:20-1:200

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Spécificité de l'espèce:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6.0.

Contrôles positifs:

WB: cellules HeLa, cellules MCF-7

IP: cellules HeLa,

IHC: tissu pulmonaire humain,

IF: cellules HepG2,

Informations générales

Matrix extracellular phosphoglycoprotein (MEPE), also known as osteoblast/osteocyte factor 45 (OF45), is a member of the small integrin-binding ligand N-linked glycoprotein (SIBLING) family (PMID: 12952171). MEPE promotes renal phosphate excretion and modulates mineralization (PMID: 22582013). It can be phosphorylated by secreted protein kinases. (PMID: 14962809). MEPE is expressed in osteoblasts, osteocytes and odontoblasts, and the expression has also been reported in numerous human tumor cell lines (PMID: 14962809; 20145617). It is a 525-amino acid protein with a calculated molecular weight of 58 kDa. This antibody raised against a full-length human MEPE protein detects a major band of 98 kDa.

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 -20°C

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

For technical support and original validation data for this product please contact:

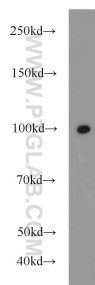
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

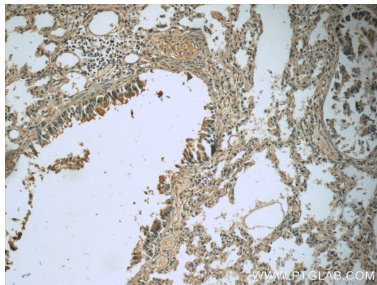
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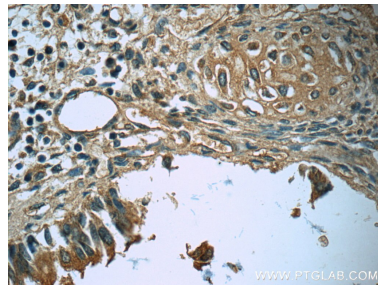
Données de validation sélectionnées



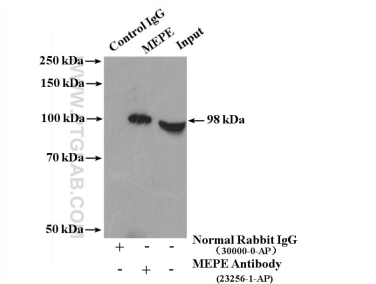
HeLa cells were subjected to SDS PAGE followed by western blot with 23256-1-AP (MEPE antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



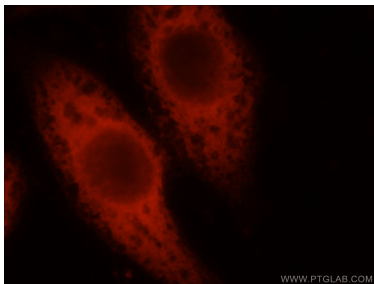
Immunohistochemical analysis of paraffin-embedded human lung slide using 23256-1-AP (MEPE Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung slide using 23256-1-AP (MEPE Antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-MEPE (IP:23256-1-AP, 4ug; Detection:23256-1-AP 1:1000) with HeLa cells lysate 4000ug.



Immunofluorescent analysis of HepG2 cells, using MEPE antibody 23256-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).