

MEPE Polyklonaler Antikörper

Katalog-Nr.: 23256-1-AP

Allgemeine Informationen

Katalog-Nr.:

23256-1-AP

Größe:

150ul, Konzentration: 1000 µg/ml von 56955

Nanodrop und 540 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG19758

GenBank-Zugangsnummer:

BC128158

GeneID (NCBI):

56955

Vollständiger Name:

matrix extracellular phosphoglycoprotein

Berechnete Masse:

525 aa, 58 kDa

Beobachtete Masse:

98 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

IP 0.5-4.0 µg für IP und 1:500-1:2000 für WB

IHC 1:20-1:200

IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

Getestete Reaktivität:

Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: HeLa-Zellen, MCF-7-Zellen

IP: HeLa-Zellen,

IHC: humanes Lungengewebe,

IF: HepG2-Zellen,

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

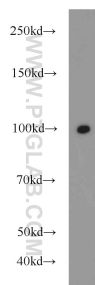
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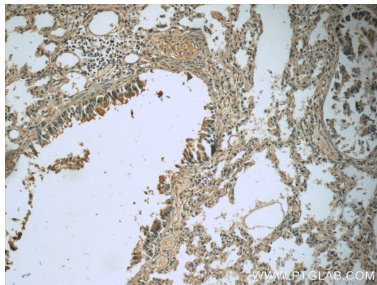
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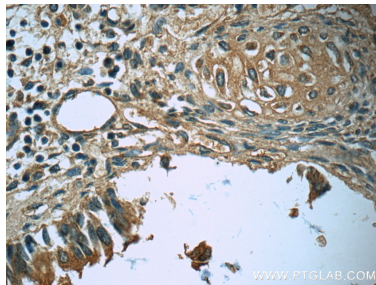
Ausgewählte Validierungsdaten



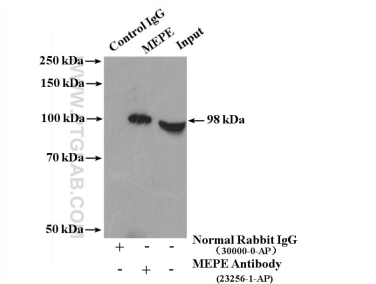
HeLa cells were subjected to SDS PAGE followed by western blot with 23256-1-AP (MEPE antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



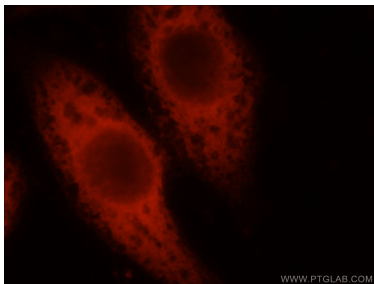
Immunohistochemical analysis of paraffin-embedded human lung slide using 23256-1-AP (MEPE Antibody) at dilution of 1:50 (under 10x lens).



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).