

MEPE Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11285
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 20-100
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Matrix extracellular phosphoglycoprotein
Synonyms	Matrix extracellular phosphoglycoprotein ;Osteoblast/osteocyte factor 45;OF45

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a secreted calcium-binding phosphoprotein that belongs to the small integrin-binding ligand, N-linked glycoprotein (SIBLING) family of proteins. Members of this family are components of the extracellular matrix of bone and dentin and regulate bone mineralization. Deficiency of a similar protein in mouse results in increased bone mass. Mice lacking this gene are resistant to aging-related trabecular bone loss. Alternative splicing results in multiple transcript variants.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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