

# MEPE rabbit pAb

Cat No.:ES11308

For research use only

## Overview

Product Name	MEPE rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 20-100
Specificity	MEPE Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃ . Avoid repeated freeze-thaw cycles.
Protein Name	Matrix extracellular phosphoglycoprotein (Osteoblast/osteocyte factor 45) (OF45)
Gene Name	MEPE
Cellular localization	Secreted, extracellular space, extracellular matrix .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	57kD
Human Gene ID	56955
Human Swiss-Prot Number	Q9NQ76
Alternative Names	
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





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resistant to aging-related trabecular bone loss.  
Alternative splicing results in multiple transcript  
variants. [provided by RefSeq, Mar 2014],



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