

## MEPE Polyclonal Antibody

<b>Catalog No.</b>	IPB8023
<b>Reactivity</b>	Human; Mouse; Rat
<b>Applications</b>	WB; ELISA
<b>Dilution</b>	WB: 1:500-2000    ELISA: 1:5000-20000
<b>Gene Name</b>	MEPE
<b>Protein Name</b>	Matrix extracellular phosphoglycoprotein (Osteoblast/osteocyte factor 45) (OF45)
<b>Human Gene Id</b>	56955
<b>Swiss-Prot</b>	Q9NQ76
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 002% sodium azide
<b>Source</b>	Rabbit
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
<b>Concentration</b>	1 mg/ml
<b>Storage&amp;Stability</b>	-20°C/1 year
<b>Subcellular Location</b>	Secreted, extracellular space, extracellular matrix
<b>MW</b>	-
<b>Background</b>	<p>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.</p>

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