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DMP1 Rabbit pAb

货号: **AYP11492**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens , Mus musculus WB IHC: Mus musculus IF: Mus musculus
应用	WB
推荐浓度	WB: 1:100 - 1:500
理论分子量	54kDa/55kDa
实测分子量	102KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse testis
细胞定位	Cytoplasm,Nucleus,Secreted,extracellular matrix,extracellular space
纯化	Affinity purification

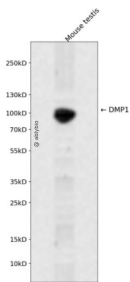
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 400-500 of human DMP1 (NP_004398.1).
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靶点信息

研究背景	Dentin matrix acidic phosphoprotein is an extracellular matrix protein and a member of the small integrin binding ligand N-linked glycoprotein family. This protein, which is critical for proper mineralization of bone and dentin, is present in diverse cells of bone and tooth tissues. The protein contains a large number of acidic domains, multiple phosphorylation sites, a functional arg-gly-asp cell attachment sequence, and a DNA binding domain. In undifferentiated osteoblasts it is primarily a nuclear protein that regulates the expression of osteoblast-specific genes. During osteoblast maturation the protein becomes phosphorylated and is exported to the extracellular matrix, where it orchestrates mineralized matrix formation. Mutations in the gene are known to cause autosomal recessive hypophosphatemia, a disease that manifests as rickets and osteomalacia. The gene structure is conserved in mammals. Two transcript variants encoding different isoforms have been described for this gene.
基因ID	1758
基因名	DMP1
Swiss	Q13316 (https://www.uniprot.org/uniprotkb/Q13316/entry)
别名	DMP1,ARHP,ARHR,DMP-1,DMP1 Rabbit pAb

产品验证



Western blot analysis of DMP1 expressed in Mouse testis using DMP1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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