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DMP1 Antibody

货号: ABY1026

产品信息

反应	Human, Mouse, Monkey
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	**WB:** 1:500-1:2000, IHC 1:50-1:200
理论分子量	56kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.5.
偶联物	Unconjugated
阳性对照	Mouse testis
细胞定位	Nucleus . Cytoplasm
纯化	亲和纯化

抗原信息

抗原信息	

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 a cidic domains, multiple phosphorylation sites, a functional arg-gly-asp cell attachment sequence, and a D NA binding domain. In undifferentiated osteoblasts it is primarily a nuclear protein that regulates the expr ession of osteoblast-specific genes. During osteoblast maturation the protein becomes phosphorylated an d 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 differe nt 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	ARHP; ARHR; AV020965; Dentin matrix acidic phosphoprotein 1; Dentin matrix protein 1; DENTMAT; DMP 1; Dmp; MGC130441; PP; Serine rich acidic phosphoprotein;

产品验证

实验步骤

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