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Osteocalcin (BGLAP) Rabbit pAb

货号: **AYP11150**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	IHC: Mouse intervertebral disc , Mus musculus , Homo sapiens WB: Homo sapiens , Rattus norvegicus , Mus musculus , Oryctolagus cuniculus , Broiler IF: Homo sapiens
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IF/ICC: 1:50 - 1:200
理论分子量	10kDa
实测分子量	12KDa
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	U-87MG,Rat lung
细胞定位	Secreted
纯化	Affinity purification

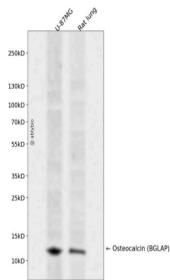
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Osteocalcin (BGLAP) (NP_954642.1).
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靶点信息

研究背景	This gene encodes a highly abundant bone protein secreted by osteoblasts that regulates bone remodeling and energy metabolism. The encoded protein contains a Gla (gamma carboxyglutamate) domain, which functions in binding to calcium and hydroxyapatite, the mineral component of bone. Serum osteocalcin levels may be negatively correlated with metabolic syndrome. Read-through transcription exists between this gene and the neighboring upstream gene, PMF1 (polyamine-modulated factor 1), but the encoded protein only shows sequence identity with the upstream gene product.
基因ID	632
基因名	BGLAP
Swiss	P02818 (https://www.uniprot.org/uniprotkb/P02818/entry)
别名	BGLAP,BGP,OC,OCN,osteocalcin,Osteocalcin (BGLAP) Rabbit pAb,Bone Gla protein,Gamma-carboxyglutamic acid-containing protein

产品验证



Western blot analysis of Osteocalcin (BGLAP) expressed in U-87MG, Rat lung using Osteocalcin (BGLAP) 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: 120 S.

实验步骤

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