

## 骨涎蛋白

产品货号： mlR4729

英文名称： Bone Sialoprotein

中文名称： 骨涎蛋白

别名： BNSP; Bone sialoprotein II; BSP; BSPII; Cell binding sialoprotein; Integrin binding sialoprotein; SPII; SIAL\_HUMAN; Bone sialoprotein 2; BSP II; Cell-binding sialoprotein; Integrin-binding sialoprotein.

研究领域： 细胞生物 干细胞 细胞外基质

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Horse, Guinea Pig,

产品应用： WB=1:500-2000 ELISA=1:500-1000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 35kDa

细胞定位： 分泌型蛋白

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from mouse Bone Sialoprotein:241-317/317

亚型： IgG

**纯化方法** : affinity purified by Protein A

**储存液** : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件** : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PubMed** : PubMed

**产品介绍** : The protein encoded by this gene is a major structural protein of the bone matrix. It constitutes approximately 12% of the noncollagenous proteins in human bone and is synthesized by skeletal-associated cell types, including hypertrophic chondrocytes, osteoblasts, osteocytes, and osteoclasts. The only extraskelatal site of its synthesis is the trophoblast. This protein binds to calcium and hydroxyapatite via its acidic amino acid clusters, and mediates cell attachment through an RGD sequence that recognizes the vitronectin receptor. [provided by RefSeq, Jul 2008]

**Function:**

Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction. Promotes Arg-Gly-Asp-dependent cell attachment.

**Subcellular Location:**

Secreted.

**Post-translational modifications:**

N-glycosylated; glycans consist of sialylated and core-fucosylated bi-, tri- and tetraantennary chains.

Sulfated on either Tyr-320 or Tyr-321 (By similarity).

**SWISS:**

Q61711

Gene ID:

15891

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

