

骨诱导因子抗体

产品货号： mlR9407

英文名称： OIF

中文名称： 骨诱导因子抗体

别名： Corneal keratan sulfate proteoglycan; MIME_HUMAN; mimecan; Mimecan proteoglycan; OG; OGN; OIF; osteoglycin; osteoinductive factor; SLRR3A.

研究领域： 细胞生物 信号转导 细胞分化 细胞骨架 细胞外基质

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Horse, Rabbit,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （石蜡切片需做抗原修复）

not yet tested in other applications.

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

分子量： 31kDa

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 human OIF:101-200/298

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 small leucine-rich proteoglycan (SLRP) family of proteins contains various proteins such as Decorin, Biglycan, Fibromodulin, Keratocan, Lumican, Osteoadherin and Osteoglycin. These proteins all have similar functions as they all mediate extracellular matrix organization and act as binding partners of TGF beta. Osteoglycin, which also may be designated osteoinductive factor (OIF), is a secreted protein detected in bone tissues. Osteoglycin induces the formation of bone in conjunction with either TGF-beta-1 or TGF-beta-2. The precursor form of the OGN gene product, designated Mimecan, is subject to in situ proteolytic cleavage to yield the mature Osteoglycin.

Function:

Induces bone formation in conjunction with TGF-beta-1 or TGF-beta-2.

Subcellular Location:

Secreted, extracellular space, extracellular matrix.

Tissue Specificity:

Bone.

Post-translational modifications:

N- and O-glycosylated. O-glycosylated with a core 1 or possibly core 8 glycan.

Similarity:

Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class III subfamily.

Contains 7 LRR (leucine-rich) repeats.

SWISS:

P20774

Gene ID:

4969

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

