

Product datasheet

Anti-Bone Sialoprotein antibody ab52128

1 Abreviews 8 References 画像数 1

製品の概要

| | |
|----------|----------------------------------------|
| 製品名 | Anti-Bone Sialoprotein antibody |
| 製品の詳細 | Rabbit polyclonal to Bone Sialoprotein |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: ELISA, RIA, WB, IHC-P, ICC/IF |
| 種交差性 | 交差種: Rat, Human |
| 免疫原 | Human Bone Sialoprotein (bone extract) |

製品の特性

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|--------|----------------------------------------------------------------------------------------------------------------------------------|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| 精製度 | Whole antiserum |
| ポリ/モノ | ポリクローナル |
| アイソタイプ | IgG |

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab52128** in the following tested applications.

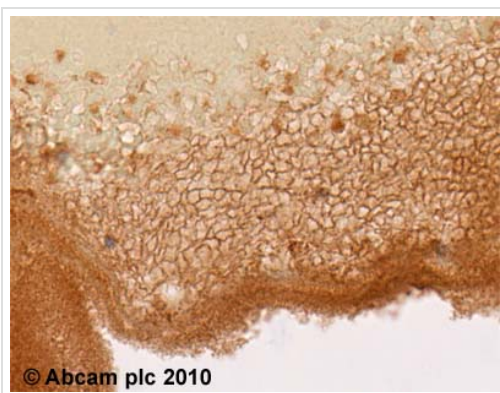
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|------------------------------------------------------------------------------|
| ELISA | | Use at an assay dependent concentration. |
| RIA | | Use at an assay dependent concentration. |
| WB | | Use at an assay dependent concentration. Predicted molecular weight: 35 kDa. |
| IHC-P | | Use at an assay dependent concentration. |
| ICC/IF | | 1/100. |

ターゲット情報

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|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 機能 | 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. |
| 翻訳後修飾 | N-glycosylated; glycans consist of sialated and core-fucosylated bi-, tri- and tetraantennary chains. O-glycosylated at eight sites; mucin-type glycans contain Gal, GlcNAc, GalNAc and terminal NeuAc. Sulfated on either Tyr-313 or Tyr-314. |
| 細胞内局在 | Secreted. |

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Bone Sialoprotein antibody (ab52128)

ab52128 (2ug/ml) staining Bone Sialoprotein in human bone using an automated system (DAKO Autostainer Plus). Using this protocol there is strong staining of Bone sialoprotein in secretory compartments in the cells of the perichondrium

Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffers citrate pH6.1 in a DAKO PT link. Slides were peroxidase blocked in 3% H₂O₂ in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako envision flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.

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