

Datasheet

IBSP polyclonal antibody

Catalog Number: PAB13571

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against native IBSP.

Immunogen: Native purified IBSP from human bone sialoprotein.

Host: Rabbit

Reactivity: Human, Rat

Applications: ELISA, ICC, IHC-P, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Recognizes human and rat bone sialoprotein. Does not cross-react with human osteopontin or osteonectin.

Form: Lyophilized

Recommend Usage: Immunocytochemistry (1:100)
The optimal working dilution should be determined by the end user.

Storage Instruction: Store at 4°C on dry atmosphere.
After reconstitution with distilled water, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3381

Gene Symbol: IBSP

Gene Alias: BNSP, BSP, BSP-II, SP-II

Gene Summary: 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]