

IBSP Polyclonal Antibody

Catalog No. E-AB-19332

Note: Centrifuge before opening to ensure complete recovery of vial contents.

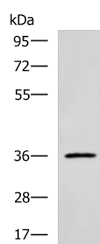
Description

Reactivity	Human, Mouse
Immunogen	Synthetic peptide of human IBSP
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

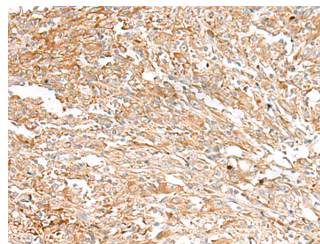
Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:25-1:100

Data



Western blot analysis of Jurkat cell lysate using IBSP Polyclonal Antibody at dilution of 1:700
Observed Mw: Refer to figures
Calculated Mw: 35 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using IBSP Polyclonal Antibody at dilution of 1:30 (×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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.

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