

Product datasheet for TA341700

Bone Sialoprotein (IBSP) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-IBSP antibody: synthetic peptide directed towards the N terminal of

human IBSP. Synthetic peptide located within the following region: SATTLGYGEDATPGTGYTGLAAIQLPKKAGDITNKATKEKESDEEEEEEE

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Conjugation: Unconjugated

Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 35 kDa

Gene Name: integrin binding sialoprotein

Database Link: NP 004958

Entrez Gene 3381 Human

P21815



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

Bone Sialoprotein (IBSP) Rabbit Polyclonal Antibody - TA341700

Background: The protein encoded byThis gene is a major structural protein ofThe 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 extraskeletal 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]

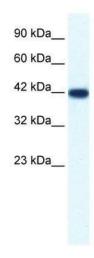
Synonyms: BNSP; BSP-II; SP-II

Note: Immunogen Sequence Homology: Human: 100%; Dog: 79%

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: ECM-receptor interaction, Focal adhesion

Product images:



WB Suggested Anti-IBSP Antibody Titration: 1.25 ug/ml; ELISA Titer: 1:62500; Positive Control:

HepG2 cell lysate