

SIAL rabbit pAb

Cat No.: ES11353

For research use only

Overview

Product Name SIAL rabbit pAb

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human; Rat; Mouse

Recommended dilutions WB 1:500-2000 ELISA 1:5000-20000

Immunogen Synthesized peptide derived from human protein .

at AA range: 230-310

Specificity SIAL Polyclonal Antibody detects endogenous levels

of protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

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

Protein Name Bone sialoprotein 2 (Bone sialoprotein II) (BSP II)

(Cell-binding sialoprotein) (Integrin-binding

sialoprotein)

Gene Name IBSP BNSP **Cellular localization** Secreted.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 34kD
Human Gene ID 3381
Human Swiss-Prot Number P21815

Alternative Names

Background The protein encoded by this gene is a major

structural protein of the bone matrix. It constitutes approximately 12% of the noncollagenous proteins

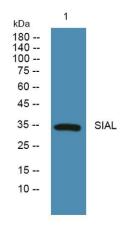
in human bone and is synthesized by

skeletal-associated cell types, including hypertrophic

chondrocytes, osteoblasts, osteocytes, and osteoclasts. The only 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],

Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night



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