

SOST Rabbit pAb

Catalog No.: A8213

5 Publications

Basic Information

Observed MW

24kDa/28kDa

Calculated MW

24kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

Background

Sclerostin is a secreted glycoprotein with a C-terminal cysteine knot-like (CTCK) domain and sequence similarity to the DAN (differential screening-selected gene aberrative in neuroblastoma) family of bone morphogenetic protein (BMP) antagonists. Loss-of-function mutations in this gene are associated with an autosomal-recessive disorder, sclerosteosis, which causes progressive bone overgrowth. A deletion downstream of this gene, which causes reduced sclerostin expression, is associated with a milder form of the disorder called van Buchem disease.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

50964

Swiss Prot

Q9BQB4

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 24-213 of human SOST (NP_079513.1).

Synonyms

CDD; VBCH; DAND6; SOST1; SOST

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

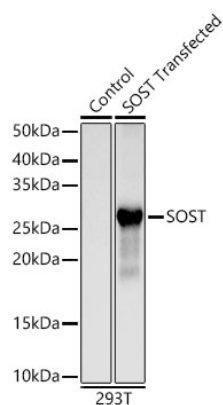
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with SOST using SOST Rabbit pAb(A8213) at 1:1000 dilution.
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection:ECL Basic Kit (RM00020).
Exposure time: 2s.