

**SOST Antibody (C-Term)**  
Peptide-affinity purified goat antibody  
Catalog # AF3348a

**Specification**

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**SOST Antibody (C-Term) - Product Information**

Application	IHC
Primary Accession	<a href="#">O9BOB4</a>
Other Accession	<a href="#">NP_079513.1</a> , <a href="#">50964</a> , <a href="#">74499 (mouse)</a> , <a href="#">80722 (rat)</a>
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	24031

**SOST Antibody (C-Term) - Additional Information**

Gene ID 50964

**Other Names**  
Sclerostin, SOST

**Format**  
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**  
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**  
SOST Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**SOST Antibody (C-Term) - Protein Information**

**Name** SOST ([HGNC:13771](#))

**Function**  
Negative regulator of bone growth that acts through inhibition of Wnt signaling and bone formation.

**Cellular Location**  
Secreted, extracellular space, extracellular matrix

### Tissue Location

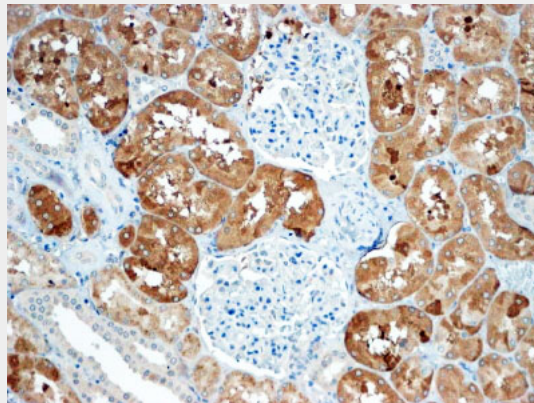
Widely expressed at low levels with highest levels in bone, cartilage, kidney, liver, bone marrow and primary osteoblasts differentiated for 21 days. Detected in the subendothelial layer of the aortic intima (at protein level).

### SOST Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### SOST Antibody (C-Term) - Images



AF3348a (4 µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.

### SOST Antibody (C-Term) - References

The -9247 T/C polymorphism in the SOST upstream regulatory region that potentially affects C/EBPalpha and FOXA1 binding is associated with osteoporosis. Huang QY, Li GH, Kung AW, Bone 2009 Aug 45 (2): 289-94. PMID: 19371798