

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

SOST Antibody (C-Term) - Product Information

Application	IHC, E
Primary Accession	O9BQB4
Other Accession	NP_079513.1 , 50964 , 74499 (mouse) , 80722 (rat)
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

Dilution

IHC~~1:100~500

E~~N/A

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

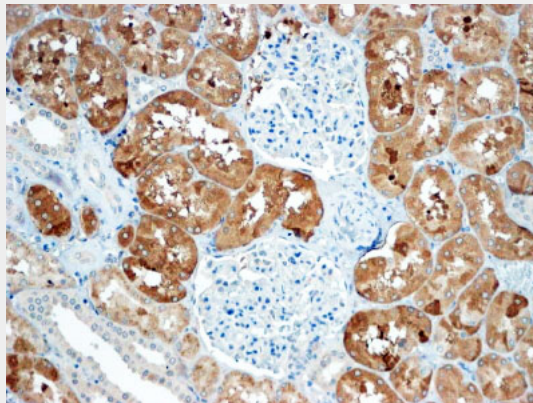
Tissue Location

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