10320 Camino Santa Fe, Suite G
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SOST Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF3348a

Specification

SOST Antibody (C-Term) - Product Information

Application	**IHC**
Primary Accession	Q9BQB4
Other Accession	NP_079513.1, 50964, 74499 (mouse), 80722 (rat)
Reactivity	**Human**
Predicted	**Mouse, Rat, Dog, Cow**
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

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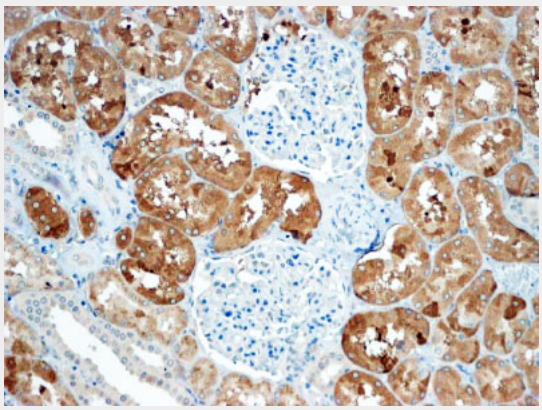
Tissue Location
Widely expressed at low levels with highest levels in bone, cartilage, kidney, liver, bone marrow and primary osteoblasts differentiated for 21 days. Detected in the subendothelial layer of the aortic intima (at protein level).

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 Cytomety
- 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