

Rabbit SOST Polyclonal Antibody | anti-SOST antibody

SOST antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201212	Rabbit	Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

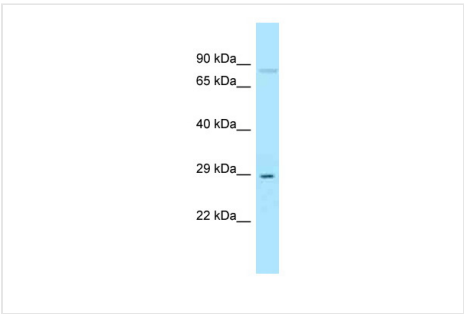
PRODUCT SYNONYMS

SOST; Polyclonal Antibody; SOST antibody - N-terminal region; anti-SOST antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: PE LGEYPEPPPE LENNKTMNRA ENGGRPPHP FETKDVSEYS CRELHFTR
Sequence Length	213
Applicable Applications for anti-SOST antibody	WB (Western Blot)
Protein Size	213 amino acids
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 92%; Pig: 100%; Rabbit: 93%; Rat: 93%
Tissue Tool	Find tissues and cell lines supported by DNA array analysis to express SOST.
Protein Interactions	LRP6; LRP5
Blocking Peptide	For anti-SOST antibody is
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-SOST Antibody Titration: 1.0 ug/ml Positive Control: MCF7 Whole Cell

ADDITIONAL INFORMATION

Related Product Information for anti-SOST antibody	This is a rabbit polyclonal antibody against SOST. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-SOST antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376846
NCBI GeneID	50964
NCBI Accession #	NP_079513
NCBI GenBank Nucleotide #	NM_025237
UniProt Accession #	Q9BQB4
Molecular Weight	23kDa
NCBI Official Full Name	sclerostin
NCBI Official Synonym Full Names	sclerostin
NCBI Official Symbol	SOST
NCBI Official Synonym Symbols	CDD; VBCH; DAND6; SOST1
NCBI Protein Information	sclerostin
UniProt Protein Name	Sclerostin
UniProt Gene Name	SOST
UniProt Entry Name	SOST_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.