

SOST Polyclonal Antibody

Catalog No.	A8213	Category	Polyclonal Antibodies
Applications	WB, IHC	Observed MW	30kDa
Cross-reactivity	Human	Calculated MW	24kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 24-213 of human SOST (NP_079513.1).
Gene ID	50964
Swiss prot	Q9BQB4
Synonyms	SOST; CDD; DAND6; SOST1; VBCH; sclerostin

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

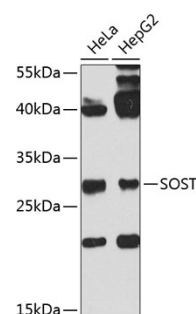
Background

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.

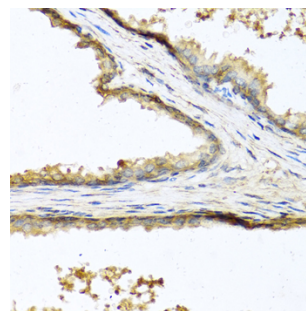
Recommended Dilutions

WB 1:500 -
1:2000

IHC 1:50 -
1:100



Western blot - SOST Polyclonal Antibody (A8213)



Immunohistochemistry - SOST Polyclonal Antibody (A8213)