

## Product datasheet for **TA358462**

### Sclerostin (SOST) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SOST
Specificity:	<b>Expected reactivity:</b> Human <b>Homology:</b> Cow: 85%; Dog: 100%; Human: 100%; Mouse: 92%; Pig: 92%; Rabbit: 92%; Rat: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	23 kDa
Gene Name:	sclerostin
Database Link:	<a href="#">NP_079513.1</a> <a href="#">Entrez Gene 50964 Human</a> <a href="#">Q9BQB4</a>



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**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.

**Synonyms:**

sclerosteosis; sclerostin; VBCH

**Protein Families:**

Druggable Genome, Secreted Protein

**Product images:**

Host: Rabbit  
Target Name: SOST  
Sample Type: Stomach Tumor Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

Host: Rabbit  
Target Name: SOST  
Sample Tissue: Human Stomach Tumor lysates  
Antibody Dilution: 1 $\mu$ g/ml