

OriGene Technologies, Inc.

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Product datasheet for TA358462

Sclerostin (SOST) Rabbit Polyclonal Antibody

Product data:

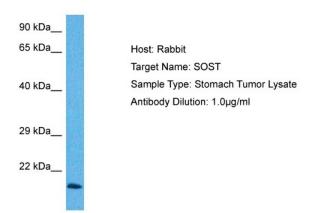
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SOST
Specificity:	Expected reactivity : Human Homology : Cow: 85%; Dog: 100%; Human: 100%; Mouse: 92%; 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. Note that this product is shipped as lyophilized powder to China customers.
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:	<u>NP_079513.1</u> <u>Entrez Gene 50964 Human</u> <u>Q9BQB4</u>



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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 Tissue: Human Stomach Tumor lysates Antibody Dilution: 1ug/ml

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