

Product datasheet for **AP13236PU-N**

Sclerostin (SOST) (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western Blot: 1/50-1/100 Immunohistochemistry: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 141~171 amino acids from the Center region of Human SOST.
Specificity:	This antibody recognizes SOST (Center).
Formulation:	PBS with 0.09% (W/V) Sodium Azide State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	sclerostin
Database Link:	Entrez Gene 50964 Human Q9BQB4



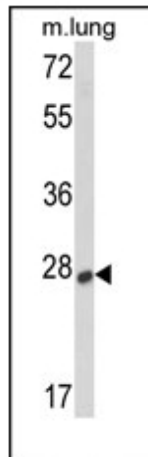
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Background:

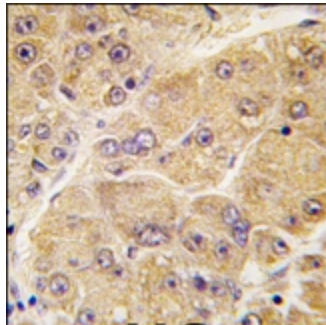
Sclerostin is a secreted glycoprotein with a C-terminal cysteine knot-like (CTCK) domain and sequence similarity to the DAN (differential screening-selected gene aberrative in neuroblastoma) family of bone morphogenetic protein (BMP) antagonists. Loss-of-function mutations in this gene are associated with an autosomal-recessive disorder, sclerosteosis, which causes progressive bone overgrowth. A deletion downstream of the sclerostin gene, which causes reduced sclerostin expression, is associated with a milder form of the disorder called van Buchem disease.

Synonyms:

sclerosteosis; sclerostin; VBCH

Product images:

Western blot analysis: SOST Antibody (Center) staining of Mouse lung tissue lysates 35ug/lane. SOST (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with SOST antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.