

Datasheet for ABIN390194
anti-Sclerostin antibody (AA 134-163)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	Sclerostin (SOST)
Binding Specificity:	AA 134-163
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sclerostin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This SOST antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 134-163 amino acids from the Central region of human SOST.
Clone:	RB13011
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Sclerostin (SOST)
Alternative Name:	SOST (SOST Products)

Target Details

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.

Molecular Weight: 24031

Gene ID: 50964

NCBI Accession: [NP_079513](#)

UniProt: [Q9BQB4](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

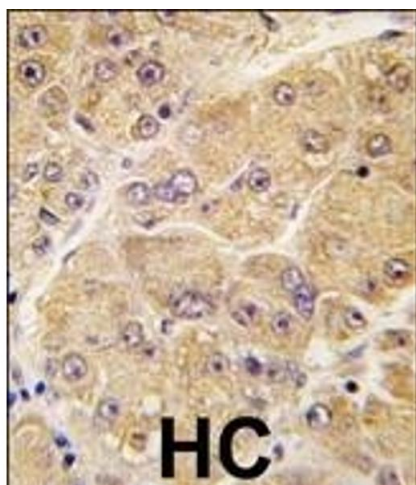
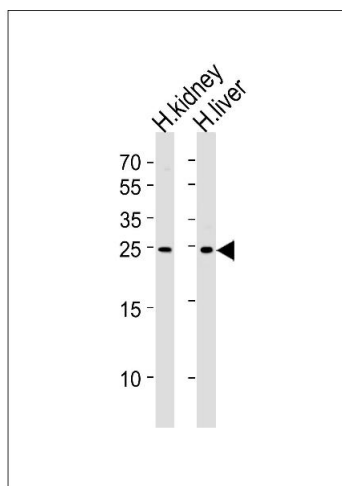
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of lysates from human kidney and liver tissue lysates (from left to right), using SOST Antibody (Center) (ABIN390194 and ABIN2840683). (ABIN390194 and ABIN2840683) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 μ g per lane.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with SOST antibody (Center) (ABIN390194 and ABIN2840683), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.