

Datasheet for ABIN1539331  
**anti-Sclerostin antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	Sclerostin (SOST)
Binding Specificity:	AA 38-66, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This SOST antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 38-66 amino acids from the N-terminal region of human SOST.
Clone:	RB36187
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Sclerostin (SOST)
Alternative Name:	SOST ( <a href="#">SOST Products</a> )
Background:	Sclerostin is a secreted glycoprotein with a C-terminal cysteine knot-like (CTCK) domain and

## Target Details

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. [provided by RefSeq].

Molecular Weight: 24031

Gene ID: 50964

NCBI Accession: [NP\\_079513](#)

UniProt: [Q9BQB4](#)

## Application Details

Application Notes: WB: 1:1000. WB: 1:500

Restrictions: For Research Use only

## Handling

Format: Liquid

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

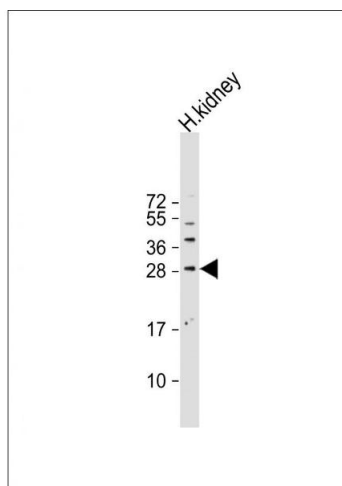
Preservative: Sodium azide

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

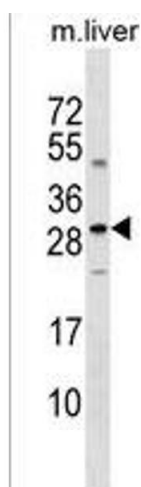
Storage Comment: SOST Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



#### Western Blotting

**Image 1.** Anti-SOST Antibody (N-term) at 1:500 dilution + human kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 24 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



#### Western Blotting

**Image 2.** SOST Antibody (N-term) (ABIN1539331 and ABIN2849012) western blot analysis in mouse liver tissue lysates (35 µg/lane). This demonstrates the SOST antibody detected the SOST protein (arrow).