

Datasheet for ABIN6923130
anti-Sclerostin antibody (N-Term)[2 Images](#)[3 Publications](#)[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	Sclerostin (SOST)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sclerostin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of SOST.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human SOST.
Cross-Reactivity:	Human, Mouse

Target Details

Target:	Sclerostin (SOST)
Alternative Name:	Sclerostin / SOST (SOST Products)
Gene ID:	50964

Application Details

Application Notes:	ELISA (1:1000) Western Blot (1:50-100) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user.
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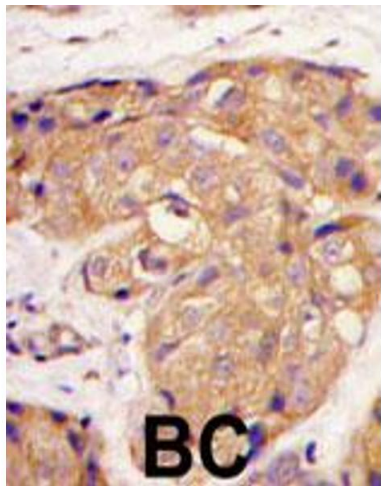
Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	In PBS (0.09 % 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:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

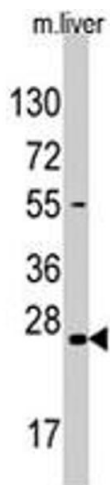
Publications

Product cited in:	<p>Ellies, Viviano, McCarthy, Rey, Itasaki, Saunders, Krumlauf: "Bone density ligand, Sclerostin, directly interacts with LRP5 but not LRP5G171V to modulate Wnt activity." in: Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research, Vol. 21, Issue 11, pp. 1738-49, (2006) (PubMed).</p> <p>Semenov, He: "LRP5 mutations linked to high bone mass diseases cause reduced LRP5 binding and inhibition by SOST." in: The Journal of biological chemistry, Vol. 281, Issue 50, pp. 38276-84, (2006) (PubMed).</p> <p>Balemans, Van Hul: "Human genetics of SOST." in: Journal of musculoskeletal & neuronal interactions, Vol. 6, Issue 4, pp. 355-6, (2006) (PubMed).</p>
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Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with SOST polyclonal antibody , 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.



Western Blotting

Image 2. Western blot analysis of SOST polyclonal antibody in mouse liver tissue lysate (35 ug/lane). SOST (arrow) was detected using the purified polyclonal antibody (1 : 60 dilution).