

Datasheet for ABIN7435190
anti-Sclerostin antibody (AA 25-213)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Sclerostin (SOST)
Binding Specificity:	AA 25-213
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sclerostin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Sclerostin (SOST)
Immunogen:	Recombinant Sclerostin (SOST) corresponding to Gly25~Tyr213 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SOST. It has been selected for its ability to recognize SOST in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Sclerostin (SOST)
Alternative Name:	Sclerostin (SOST Products)
Background:	VBCH, Sclerosteosis

Application Details

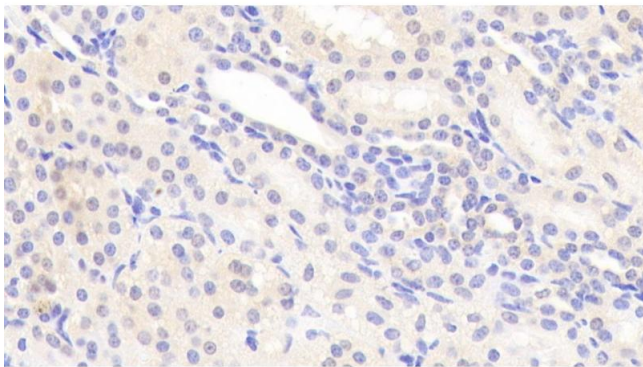
Application Notes:	Western blotting: 0.5-2 µg/mL 1:150-600 Immunohistochemistry: 5-20 µg/mL 1:15-60 Immunocytochemistry: 5-20 µg/mL 1:15-60 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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 frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months

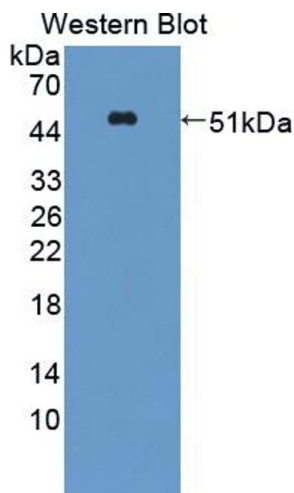
Publications

Product cited in:	Sun, Zhang, Chen, Ji, Ma, Qiao, Wu, Zhou, Bu, Zhu, Zhang, Jiang, Liu, Li, Liu, Yang, Liu: "Targeting SOST using a small-molecule compound retards breast cancer bone metastasis." in: Molecular cancer , Vol. 21, Issue 1, pp. 228, (2023) (PubMed).
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Immunohistochemistry

Image 1. Detection of SOST in Human Kidney Tissue using Polyclonal Antibody to Sclerostin (SOST)



Western Blotting

Image 2. Detection of Recombinant SOST, Human using Polyclonal Antibody to Sclerostin (SOST)