

Datasheet for ABIN7437287

**anti-Sonic Hedgehog antibody (AA 28-193)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Sonic Hedgehog (SHH)
Binding Specificity:	AA 28-193
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sonic Hedgehog antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Hedgehog Homolog, Sonic (SHH)
Immunogen:	Recombinant Hedgehog Homolog, Sonic (SHH) corresponding to Gly28~Ala193 (Accession # Q62226)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SHH. It has been selected for its ability to recognize SHH in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

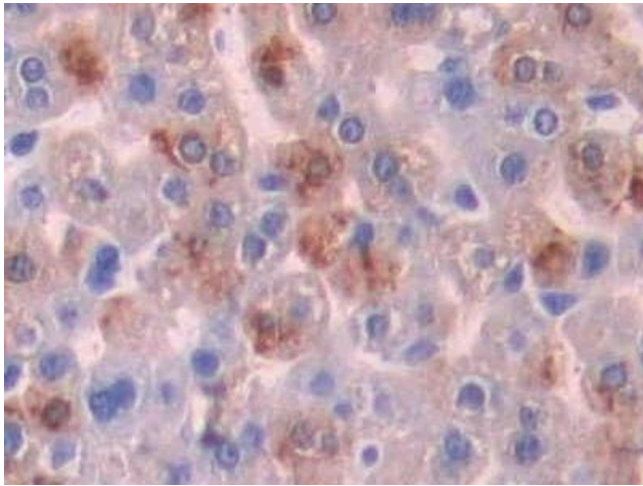
Target:	Sonic Hedgehog (SHH)
Alternative Name:	Hedgehog Homolog, Sonic ( <a href="#">SHH Products</a> )
Background:	HHG1, HLP3, HPE3, SMMCI, SHHN, SHH-N
Pathways:	<a href="#">Hedgehog Signaling</a> , <a href="#">Dopaminergic Neurogenesis</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Tube Formation</a> , <a href="#">Skeletal Muscle Fiber Development</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:260-1000 Immunohistochemistry: 5-20 µg/mL 1:26-100 Immunocytochemistry: 5-20 µg/mL 1:26-100 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

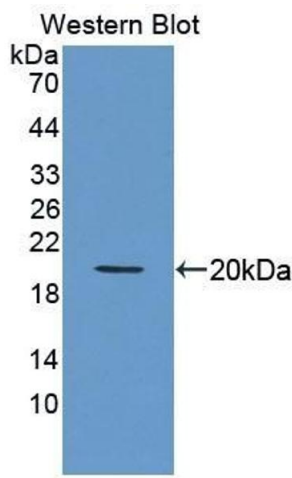
## Handling

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



Immunohistochemistry

**Image 1.** Detection of SHH in Mouse Liver Tissue using Polyclonal Antibody to Hedgehog Homolog, Sonic (SHH)



Western Blotting

**Image 2.** Detection of Recombinant SHH, Mouse using Polyclonal Antibody to Hedgehog Homolog, Sonic (SHH)