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Datasheet for ABIN7434161

anti-Sonic Hedgehog antibody (AA 36-193)

4 Images

Overview

Quantity:	100 µL
Target:	Sonic Hedgehog (SHH)
Binding Specificity:	AA 36-193
Reactivity:	Human
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 Pro36~Ala193 with N-terminal His Tag
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:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

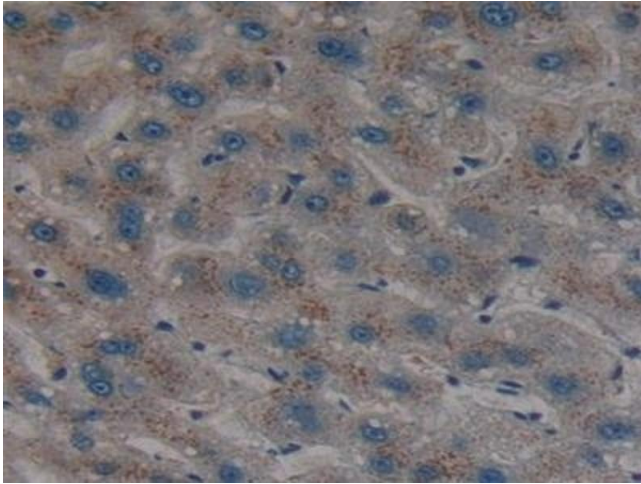
Target:	Sonic Hedgehog (SHH)
Alternative Name:	Hedgehog Homolog, Sonic (SHH Products)
Background:	HHG1, HLP3, HPE3, SMMCI, SHHN, SHH-N
Pathways:	Hedgehog Signaling , Dopaminergic Neurogenesis , Regulation of Muscle Cell Differentiation , Tube Formation , Skeletal Muscle Fiber Development

Application Details

Application Notes:	Western blotting: 1-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL 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

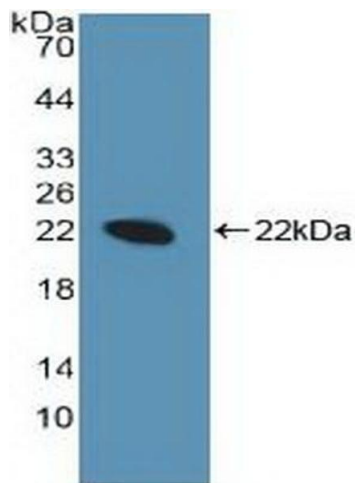
Handling

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



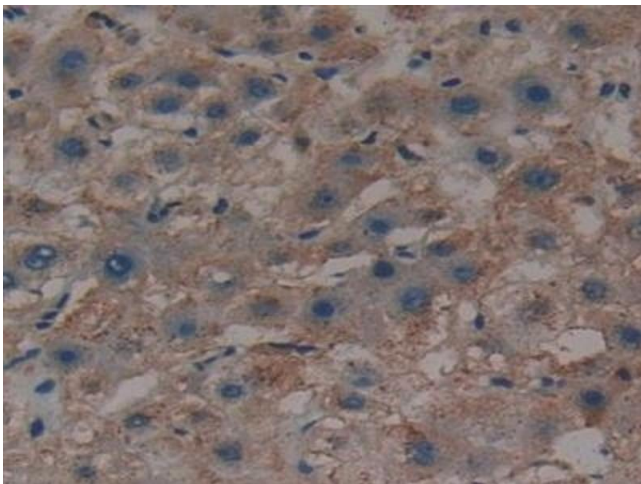
Immunohistochemistry

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



Western Blotting

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



Immunohistochemistry

Image 3. Detection of SHH in Human Liver cancer Tissue using Polyclonal Antibody to Hedgehog Homolog, Sonic (SHH)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7434161.