

Datasheet for ABIN7426367
anti-Sonic Hedgehog antibody (AA 36-193)[Go to Product page](#)

4 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | Sonic Hedgehog (SHH) |
| Binding Specificity: | AA 36-193 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This Sonic Hedgehog antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|---------------|---|
| Purpose: | Monoclonal Antibody to Hedgehog Homolog, Sonic (SHH) |
| Immunogen: | Recombinant Hedgehog Homolog, Sonic (SHH) corresponding to Pro36~Ala193 with N-terminal His Tag |
| Clone: | D6 |
| Isotype: | IgG1 kappa |
| Specificity: | The antibody is a mouse monoclonal antibody raised against SHH. It has been selected for its ability to recognize SHH in immunohistochemical staining and western blotting. |
| Purification: | Protein A + Protein G affinity chromatography |

Target Details

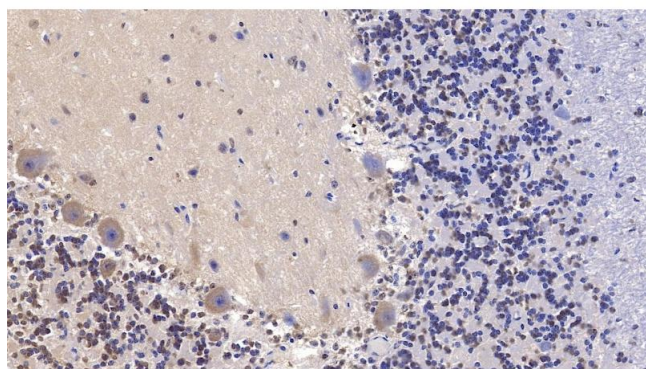
| | |
|-------------------|---|
| Target: | Sonic Hedgehog (SHH) |
| Alternative Name: | Hedgehog Homolog, Sonic (SHH Products) |
| Background: | HHG1, HLP3, HPE3, SMMCI, SHHN, SHH-N |
| Pathways: | Hedgehog Signaling , Dopaminergic Neurogenesis , Regulation of Muscle Cell Differentiation , Tube Formation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

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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 |

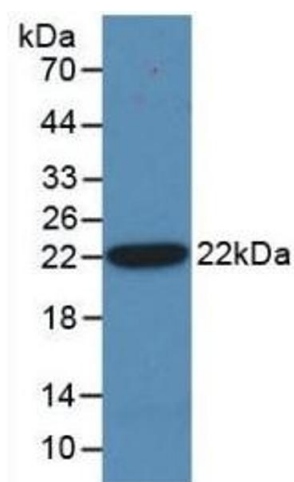
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| 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 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 |



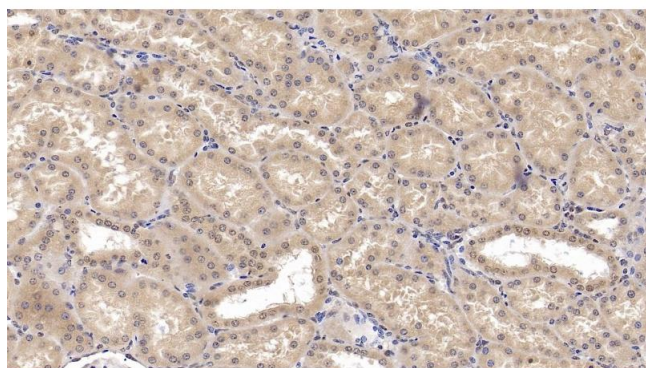
Immunohistochemistry

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



Western Blotting

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



Immunohistochemistry

Image 3. Detection of SHH in Human Kidney Tissue using Monoclonal Antibody to Hedgehog Homolog, Sonic (SHH)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7426367.