

### Sonic Hedgehog Rabbit mAb

**Catalog # AP76109** 

### **Specification**

#### Sonic Hedgehog Rabbit mAb - Product Information

**Application** WB, IHC-P, IHC-F, ICC **Primary Accession** 015465

Reactivity

Human, Mouse Host Rabbit

Clonality **Monoclonal Antibody** 

Calculated MW 49607

### Sonic Hedgehog Rabbit mAb - Additional Information

**Gene ID 6469** 

**Other Names** 

SHH

**Dilution** 

WB~~1/500-1/1000

IHC-P~~N/A

IHC-F~~N/A

ICC~~N/A

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

#### Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

### Sonic Hedgehog Rabbit mAb - Protein Information

Name SHH (HGNC:10848)

#### **Function**

[Sonic hedgehog protein]: The C-terminal part of the sonic hedgehog protein precursor displays an autoproteolysis and a cholesterol transferase activity (By similarity). Both activities result in the cleavage of the full-length protein into two parts (ShhN and ShhC) followed by the covalent attachment of a cholesterol moiety to the C-terminal of the newly generated ShhN (By similarity). Both activities occur in the endoplasmic reticulum (By similarity). Once cleaved, ShhC is degraded in the endoplasmic reticulum (By similarity).

#### **Cellular Location**

[Sonic hedgehog protein]: Endoplasmic reticulum membrane. Golgi apparatus membrane. Secreted Note=Co-localizes with HHAT in the ER and Golgi membrane



# Sonic Hedgehog Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## Sonic Hedgehog Rabbit mAb - Images

