

For Research Use Only

# DHH Polyclonal antibody

Catalog Number: 13889-1-AP

3 Publications



## Basic Information

### Catalog Number:

13889-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 340 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4850

### GenBank Accession Number:

BC033507

### GeneID (NCBI):

50846

### UNIPROT ID:

O43323

### Full Name:

desert hedgehog homolog (Drosophila)

### Calculated MW:

396 aa, 44 kDa

### Observed MW:

42 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

## Applications

### Tested Applications:

WB, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, rat

### Positive Controls:

WB : mouse skeletal muscle tissue,

## Background Information

In mammals, the Hh family consists of three members: Sonic hedgehog (Shh), Indian hedgehog (Ihh), and Dhh. The secreted protein desert hedgehog (dhh) controls the formation of the nerve perineurium during development and is a key component of Schwann cells that ensures peripheral nerve survival. The Hedgehog (HH) signaling pathway is necessary for self-renewal and maintenance of mammary stem cells.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zheng Zhang	36152995	Gene Expr Patterns	WB
Yasuteru Inoue	39100897	Front Cell Neurosci	IF
Yuki Fujisawa	37956599	Biochem Biophys Res Commun	IHC

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

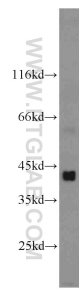
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## Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 13889-1-AP (DHH antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.