

For Research Use Only

# DHH Polyclonal antibody

Catalog Number: 13889-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 13889-1-AP	<b>GenBank Accession Number:</b> BC033507	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 340 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 50846	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> desert hedgehog homolog (Drosophila)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 396 aa, 44 kDa	
<b>Immunogen Catalog Number:</b> AG4850	<b>Observed MW:</b> 42 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse skeletal muscle tissue,
<b>Cited Applications:</b> IHC, WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, rat	

## 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
Yuki Fujisawa	37956599	Biochem Biophys Res Commun	IHC

## Storage

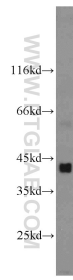
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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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.