

**Dhh Antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14670****Specification**

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**Dhh Antibody - N-terminal region - Product Information**

|                   |                                                                             |
|-------------------|-----------------------------------------------------------------------------|
| Application       | WB                                                                          |
| Primary Accession | <a href="#">Q61488</a>                                                      |
| Other Accession   | <a href="#">NM_007857</a> , <a href="#">NP_031883</a>                       |
| Reactivity        | Human, Mouse, Rat, Rabbit, Pig, Goat, Sheep, Horse, Bovine, Guinea Pig, Dog |
| Predicted         | Human, Mouse, Rat, Rabbit, Pig, Goat, Sheep, Horse, Bovine, Guinea Pig, Dog |
| Host              | Rabbit                                                                      |
| Clonality         | Polyclonal                                                                  |
| Calculated MW     | 43kDa KDa                                                                   |

**Dhh Antibody - N-terminal region - Additional Information****Gene ID** 13363**Alias Symbol** **C78960****Other Names**

Desert hedgehog protein, DHH, HHG-3, Desert hedgehog protein N-product, Desert hedgehog protein C-product, Dhh

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-Dhh antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

Dhh Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**Dhh Antibody - N-terminal region - Protein Information****Name** Dhh {ECO:0000312|MGI:MGI:94891}**Function**

[Desert hedgehog protein]: The C-terminal part of the desert 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 (DhhN and DhhC) followed by the covalent attachment of a cholesterol moiety to the C-terminal of the newly generated DhhN (By similarity). Both activities occur in the endoplasmic reticulum (By similarity). Functions in cell-cell mediated juxtacrine signaling (By similarity). Promotes endothelium integrity (PubMed:<a

[33063110](http://www.uniprot.org/citations/33063110)). Binds to PTCH1 receptor, which functions in association with smoothened (SMO), to activate the transcription of target genes in endothelial cells (PubMed:[33063110](http://www.uniprot.org/citations/33063110)). In Schwann cells, controls the development of the peripheral nerve sheath and the transition of mesenchymal cells to form the epithelium-like structure of the perineurial tube (PubMed:[10482238](http://www.uniprot.org/citations/10482238)).

#### Cellular Location

[Desert hedgehog protein N-product]: Cell membrane {ECO:0000250|UniProtKB:Q62226}; Lipid-anchor {ECO:0000250|UniProtKB:Q62226}

#### Tissue Location

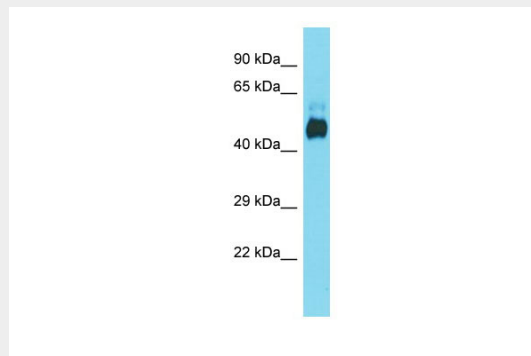
Expressed in adult testes (PubMed:8805249). Not expressed in limb buds.

### Dhh Antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Dhh Antibody - N-terminal region - Images



Host: Rabbit  
Target Name: Dhh  
Sample Tissue: Mouse Kidney lysates  
Antibody Dilution: 1.0µg/ml

### Dhh Antibody - N-terminal region - References

Echelard Y., et al. Cell 75:1417-1430(1993).  
Lubec G., et al. Submitted (JAN-2009) to UniProtKB.  
Chang D.T., et al. Development 120:3339-3353(1994).