

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

Dhh Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q61488
Other Accession	NM_007857 , NP_031883
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 reticulum endoplasmic (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

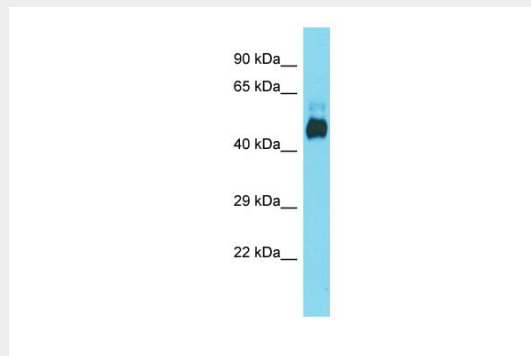
Expressed in adult testes (PubMed:8805249). Not expressed in limb buds.

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).