

**IHH Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21524b**

**Specification**

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**IHH Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q14623</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	45251

**IHH Antibody (C-term) - Additional Information**

**Gene ID** 3549

**Other Names**

Indian hedgehog protein, IHH, HHG-2, Indian hedgehog protein N-product, Indian hedgehog protein C-product, IHH

**Target/Specificity**

This IHH antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 248-281 amino acids from the C-terminal region of human IHH.

**Dilution**

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

IHH Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**IHH Antibody (C-term) - Protein Information**

**Name** IHH ([HGNC:5956](#))

**Function** Plays a role in embryonic morphogenesis; it is involved in the regulation of endochondral skeleton formation, and the development of retinal pigment epithelium (RPE), photoreceptors and periocular tissues (By similarity).

### Cellular Location

[Indian hedgehog protein N-product]: Cell membrane; Lipid-anchor {ECO:0000250|UniProtKB:Q62226}. Note=The N-product remains associated with the cell surface. {ECO:0000250|UniProtKB:Q15465}

### Tissue Location

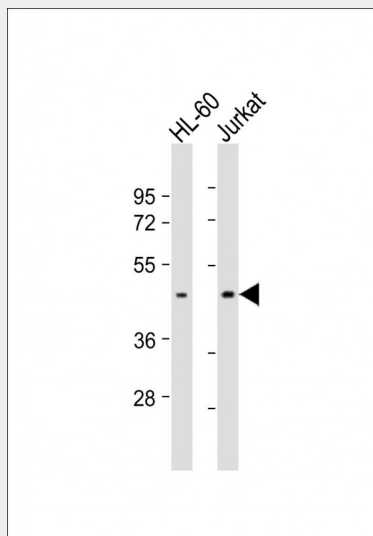
Expressed in embryonic lung, and in adult kidney and liver

### IHH Antibody (C-term) - 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](#)

### IHH Antibody (C-term) - Images



All lanes : Anti-IHH Antibody (C-term) at 1:2000 dilution Lane 1: HL-60 whole cell lysates Lane 2: Jurkat whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 45 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### IHH Antibody (C-term) - Background

Intercellular signal essential for a variety of patterning events during development. Binds to the patched (PTC) receptor, which functions in association with smoothed (SMO), to activate the transcription of target genes. Implicated in endochondral ossification: may regulate the balance between growth and ossification of the developing bones. Induces the expression of parathyroid hormone-related protein (PTHrP) (By similarity).

### IHH Antibody (C-term) - References

Tate G.,et al.J. Biochem. Mol. Biol. Biophys. 4:27-34(2000).  
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Marigo V.,et al.Genomics 28:44-51(1995).  
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