

**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}

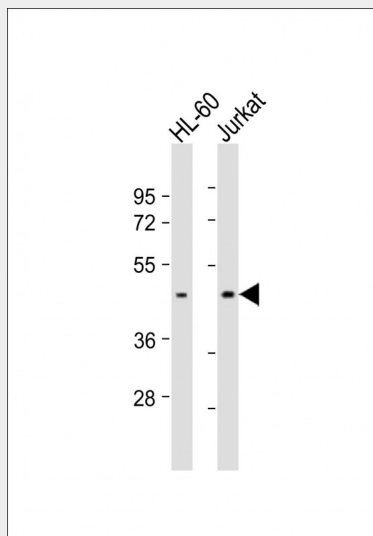
**Tissue Location**

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 smoothened (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**

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Marigo V.,et al.Genomics 28:44-51(1995).  
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