

# IHH Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21524b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q14623</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB51619
<b>Calculated MW</b>	45251

## Additional Information

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<b>Gene ID</b>	3549
<b>Other Names</b>	Indian hedgehog protein, IHH, HHG-2, Indian hedgehog protein N-product, Indian hedgehog protein C-product, IHH
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	IHH Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	IHH ( <a href="#">HGNC:5956</a> )
<b>Function</b>	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).
<b>Cellular Location</b>	[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

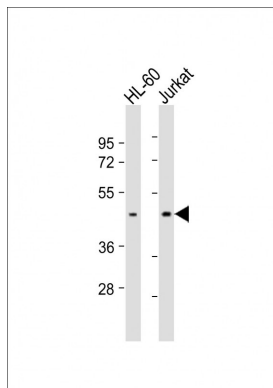
## Background

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).

## References

Tate G.,et al.J. Biochem. Mol. Biol. Biophys. 4:27-34(2000).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
Marigo V.,et al.Genomics 28:44-51(1995).  
Chang D.T.,et al.Development 120:3339-3353(1994).  
Pepinsky R.B.,et al.J. Biol. Chem. 273:14037-14045(1998).

## 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.