

# Ihh Polyclonal Antibody

Catalog # AP73206

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q14623</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	45251

## Additional Information

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<b>Gene ID</b>	3549
<b>Other Names</b>	IHH; Indian hedgehog protein; IHH; HHG-2
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## 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}
<b>Tissue Location</b>	Expressed in embryonic lung, and in adult kidney and liver

## Background

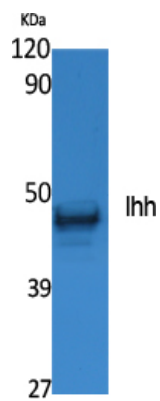
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Intercellular signal essential for a variety of patterning events during development. Binds to the patched (PTC) receptor, which functions in association with smoothened (SMO), to activate the transcription of target genes. Implicated in endochondral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

similarity).

## Images

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Western Blot analysis of extracts from NIH-3T3 cells, using Ihh Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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