

Ihh Polyclonal Antibody
Catalog # AP73206**Specification**

Ihh Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q14623
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Ihh Polyclonal Antibody - Additional Information**Gene ID** 3549**Other Names**

IHH; Indian hedgehog protein; IHH; HHG-2

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Ihh Polyclonal Antibody - 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

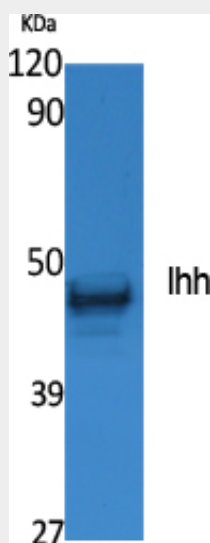
Expressed in embryonic lung, and in adult kidney and liver

Ihh Polyclonal Antibody - 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 Polyclonal Antibody - Images



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

Ihh Polyclonal Antibody - 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).