

Ihh Polyclonal Antibody

Catalog # AP73206

Product Information

Application	WB
Primary Accession	Q14623
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45251

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

Protein Information

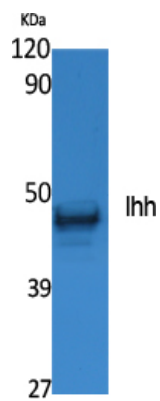
Name	IHH (HGNC:5956)
Function	Plays a role in embryonic morphogenesis; it is involved in the regulation of endochondral skeleton formation, and the development of retinal pigment epithelium (RPE), photoreceptors and periocular tissues (By similarity).
Cellular Location	[Indian hedgehog protein N-product]: 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

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).

Images



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

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