

IHH Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21524b

Specification

IHH Antibody (C-term) - Product Information

Application WB,E
Primary Accession Q14623
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

E~~Use at an assay dependent concentration.

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

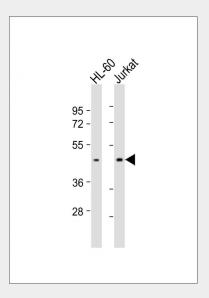
Expressed in embryonic lung, and in adult kidney and liver

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 Cytomety
- Cell Culture

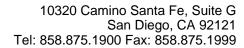
IHH Antibody (C-term) - Images



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 μ g 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

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).