

Ihh Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2704b**Specification**

Ihh Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q80XI9
Other Accession	Q91612 , P97812 , Q14623 , Q98862 , Q98938
Reactivity	Human, Mouse
Predicted	Chicken, Zebrafish, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	169-200

Ihh Antibody (Center) - Additional Information**Gene ID** 16147**Other Names**

Indian hedgehog

Target/Specificity

This Ihh antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 169-200 amino acids from the C-terminal region of human Ihh.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

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 (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Ihh Antibody (Center) - Protein Information**Name** Ihh {ECO:0000313|EMBL:AAH46984.1, ECO:0000313|MGI:MGI:96533}**Function** [Protein hedgehog N-product]: The dually lipidated hedgehog protein N-product is a

morphogen which is essential for a variety of patterning events during development.

Cellular Location

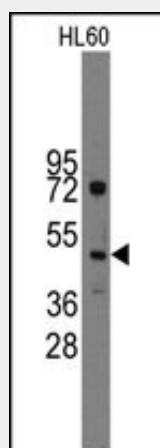
Endoplasmic reticulum membrane {ECO:0000256|ARBA:ARBA00004586}. Secreted {ECO:0000256|ARBA:ARBA00004613} [Protein hedgehog N-product]: Cell membrane {ECO:0000256|RuleBase:RU280812}; Lipid-anchor {ECO:0000256|RuleBase:RU280812}

Ihh Antibody (Center) - 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 Antibody (Center) - Images



Western blot analysis of anti-Ihh Pab (RB10378) in HL60 cell line lysates (35ug/lane). Ihh (arrow) was detected using the purified Pab.

Ihh Antibody (Center) - Background

Ihh (Indian hedgehog) is a critical and possibly direct regulator of joint development. In its absence, distribution and function of Gdf5-expressing interzone-associated cells are abnormal.

Ihh Antibody (Center) - References

Kobayashi,T., Proc. Natl. Acad. Sci. U.S.A. 105 (6), 1949-1954 (2008)
Gat-Yablonski,G.,J. Pediatr. Endocrinol. Metab. 20 (11), 1215-1222 (2007)
Koyama,E., Ann. N. Y. Acad. Sci. 1116, 100-112 (2007)