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Ihh Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP2704a

Specification

Ihh Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q80XI9

Ihh Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 16147

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2704a was selected from the N-term region of human Ihh. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Ihh Antibody (N-term) Blocking Peptide - 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}. Membrane {ECO:0000256|ARBA:ARBA00004635}; Lipid-anchor {ECO:0000256|ARBA:ARBA00004635}. Secreted {ECO:0000256|ARBA:ARBA00004613} [Protein hedgehog N-product]: Cell membrane {ECO:0000256|RuleBase:RU280812}; Lipid-anchor {ECO:0000256|RuleBase:RU280812}

Ihh Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

Ihh Antibody (N-term) Blocking Peptide - Images

Ihh Antibody (N-term) Blocking Peptide - 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 (N-term) Blocking Peptide - 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)