10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# HHIP Antibody (N-term)

**Affinity Purified Rabbit Polyclonal Antibody (Pab)**

**Catalog # AP18055A**

## Specification

### HHIP Antibody (N-term) - Product Information

| | |
|---|---|
| Application | **WB,E** |
| Primary Accession | Q96QV1 |
| Other Accession | Q7TN16, NP_071920.1 |
| Reactivity | **Human** |
| Predicted | **Mouse** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **78851** |
| Antigen Region | **25-54** |

### HHIP Antibody (N-term) - Additional Information

**Gene ID** 64399

**Other Names**
Hedgehog-interacting protein, HHIP, HIP, HHIP, HIP

**Target/Specificity**
This HHIP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 25-54 amino acids from the N-terminal region of human HHIP.

**Dilution**
WB~~1:1000

**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**
HHIP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### HHIP Antibody (N-term) - Protein Information

**Name** HHIP

**Synonyms** HIP

**Function** Modulates hedgehog signaling in several cell types including brain and lung through direct interaction with members of the hedgehog family.

**Cellular Location**
Cell membrane; Peripheral membrane protein. Secreted. Note=The last 22 C- terminal amino acids may participate in cell membrane attachment

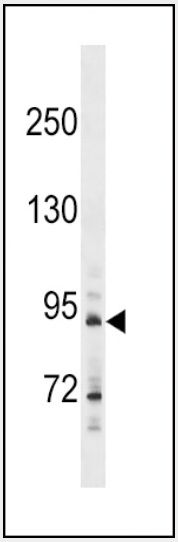
**Tissue Location**
Widely expressed in fetal and adult tissues. Highest expression in adult heart, liver and pancreas, and in fetal kidney. {ECO:0000269|PubMed:11435703, ECO:0000269|Ref.1}

## HHIP Antibody (N-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

## HHIP Antibody (N-term) - Images




HHIP Antibody (N-term) (Cat. #AP18055a) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the HHIP antibody detected the HHIP protein (arrow).

## HHIP Antibody (N-term) - Background

This gene encodes a protein similar to the mouse hedgehog-interacting protein, a regulatory component of the hedgehog signalling pathway. Members of the hedgehog family are evolutionarily conserved proteins which are involved in many fundamental processes in embryonic development, including anteroposterior patterns of limbs and regulation of left-right

asymmetry.

**HHIP Antibody (N-term) - References**

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Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Liu, J.Z., et al. Twin Res Hum Genet 13(2):179-193(2010)
Cho, M.H., et al. Nat. Genet. 42(3):200-202(2010)
Zhao, J., et al. BMC Med. Genet. 11, 96 (2010) :