

HHIP Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18055A**Specification**

HHIP Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O96QV1
Other Accession	O7TN16 , 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

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

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

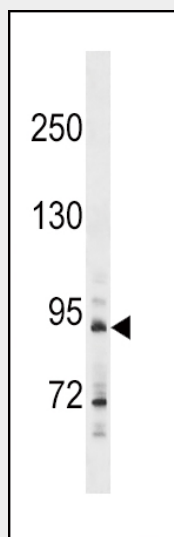
Widely expressed in fetal and adult tissues. Highest expression in adult heart, liver and pancreas, and in fetal kidney. {ECO:0000269|PubMed:11435703, ECO:0000269|Ref.1}

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 Cytometry](#)
- [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

Pillai, S.G., et al. Am. J. Respir. Crit. Care Med. (2010) In press :
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) :