

**HHIP Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18055a****Specification**

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**HHIP Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [Q96QV1](#)

**HHIP Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 64399

**Other Names**

Hedgehog-interacting protein, HHIP, HIP, HHIP, HIP

**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.

**HHIP Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **HHIP Antibody (N-term) Blocking Peptide - Images**

#### **HHIP Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - 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) :