

HHAT Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5503a**Specification**

HHAT Antibody (N-term) Blocking peptide - Product InformationPrimary Accession
Other Accession[Q5VTY9](#)
[NP_001116306.1](#)**HHAT Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 55733**Other Names**

Protein-cysteine N-palmitoyltransferase HHAT, 231-, Hedgehog acyltransferase, Melanoma antigen recognized by T-cells 2, MART-2, Skinny hedgehog protein 1, HHAT, MART2, SKI1

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.

HHAT Antibody (N-term) Blocking peptide - Protein Information**Name** HHAT**Synonyms** MART2, SKI1**Function**

Palmitoyl acyltransferase that catalyzes N-terminal palmitoylation of SHH; which is required for SHH signaling (PubMed:18534984, PubMed:24784881, PubMed:31875564). It also catalyzes N-terminal palmitoylation of DHH (PubMed:24784881). Promotes the transfer of palmitoyl-CoA from the cytoplasmic to the luminal side of the endoplasmic reticulum membrane, where SHH palmitoylation occurs (PubMed:31875564). It is an essential factor for proper embryonic development and testicular organogenesis (PubMed:24784881).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane;

Multi-pass membrane protein. Note=Co-localizes with SHH in the ER and Golgi membrane.

Tissue Location

Widely expressed. Expressed in fetal ovary and testis, with high levels of expression observed in Sertoli cells (PubMed:24784881).

HHAT Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

HHAT Antibody (N-term) Blocking peptide - Images