

**HPS3 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16879a****Specification**

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**HPS3 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q969F9](#)**HPS3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 84343**Other Names**

Hermansky-Pudlak syndrome 3 protein, HPS3

**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.

**HPS3 Antibody (N-term) Blocking Peptide - Protein Information****Name** HPS3**Function**

Involved in early stages of melanosome biogenesis and maturation.

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:Q91VB4}. Cytoplasm, cytosol

**Tissue Location**

Widely expressed. Higher levels of expression are observed in kidney, liver and placenta

**HPS3 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**HPS3 Antibody (N-term) Blocking Peptide - Images****HPS3 Antibody (N-term) Blocking Peptide - Background**

This gene encodes a protein containing a potential clathrin-binding motif, consensus dileucine signals, and tyrosine-based sorting signals for targeting to vesicles of lysosomal lineage. The encoded protein may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 3. Alternate splice variants exist, but their full length sequence has not been determined. [provided by RefSeq].

#### **HPS3 Antibody (N-term) Blocking Peptide - References**

Torres-Serrant, M., et al. J. Pediatr. Hematol. Oncol. 32(6):448-453(2010) Huizing, M., et al. Platelets 18(2):150-157(2007) Santiago Borrero, P.J., et al. J. Invest. Dermatol. 126(1):85-90(2006) Boissy, R.E., et al. Am. J. Pathol. 166(1):231-240(2005) Helip-Wooley, A., et al. BMC Cell Biol. 6, 33 (2005) :