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

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

Specification

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 potentialclathrin-binding motif, consensus dileucine signals, andtyrosine-based sorting signals for targeting to vesicles oflysosomal lineage. The encoded protein may play a role in organellebiogenesis associated with melanosomes, platelet dense granules,and lysosomes. Mutations in this gene are associated withHermansky-Pudlak syndrome type 3. Alternate splice variants exist,but their full length sequence has not been determined. [providedby 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) :