

HPS3 rabbit monoclonal antibody

Catalog # H00084343-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HPS3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human HPS3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human HPS3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — HPS3

Entrez GeneID [84343](#)

GeneBank Accession# [HPS3](#)

Gene Name HPS3

Gene Alias DKFZp686F0413, FLJ22704, SUTAL

Gene Description Hermansky-Pudlak syndrome 3

Omim ID [203300 606118](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations Hermansky-Pudlak syndrome 3 protein

Disease

- [Albinism](#)
- [Hermanski-Pudlak Syndrome](#)