

HPS6 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15232**Specification**

HPS6 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q86YV9
Other Accession	NP_079023
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85kDa KDa

HPS6 Antibody - N-terminal region - Additional Information**Gene ID** 79803

Alias Symbol **HPS6,**
Other Names
Hermansky-Pudlak syndrome 6 protein, Ruby-eye protein homolog, Ru, HPS6

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-HPS6 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

HPS6 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

HPS6 Antibody - N-terminal region - Protein Information**Name** HPS6**Function**

May regulate the synthesis and function of lysosomes and of highly specialized organelles, such as melanosomes and platelet dense granules (PubMed:[17041891](http://www.uniprot.org/citations/17041891)). Acts as a cargo adapter for the dynein- dynactin motor complex to mediate the transport of lysosomes from the cell periphery to the perinuclear region. Facilitates retrograde lysosomal trafficking by linking the motor complex to lysosomes, and perinuclear positioning of lysosomes is crucial for the delivery of endocytic cargos to lysosomes, for lysosome maturation and functioning (PubMed:[25189619](http://www.uniprot.org/citations/25189619)).

Cellular Location

Microsome membrane. Cytoplasm, cytosol. Early endosome membrane. Lysosome membrane

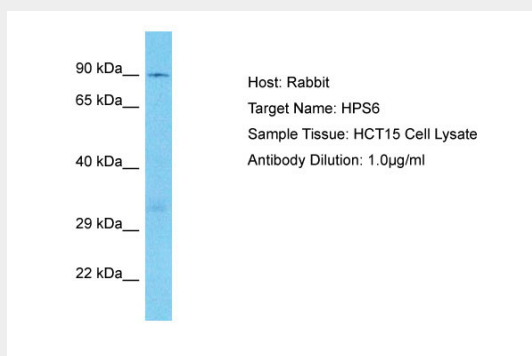
Tissue Location

Ubiquitous.

HPS6 Antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HPS6 Antibody - N-terminal region - Images

Host: Rabbit
Target Name: HPS6
Sample Tissue: HCT15 Whole Cell lysates
Antibody Dilution: 1.0µg/ml

HPS6 Antibody - N-terminal region - References

Zhang Q., et al. Nat. Genet. 33:145-153(2003).
Deloukas P., et al. Nature 429:375-381(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Di Pietro S.M., et al. Traffic 5:276-283(2004).