

HPS6 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15232

Product Information

Application	WB
Primary Accession	Q86YV9
Other Accession	NP_079023
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82975

Additional Information

Gene ID	79803
Alias Symbol Other Names	HPS6, 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 μ l 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.

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). 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).
Cellular Location	Microsome membrane. Cytoplasm, cytosol. Early endosome membrane. Lysosome membrane

Tissue Location

Ubiquitous.

References

Zhang Q.,et al.Nat. Genet. 33:145-153(2003).

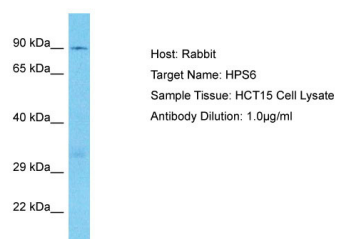
Deloukas P.,et al.Nature 429:375-381(2004).

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).

Images



Host: Rabbit

Target Name: HPS6

Sample Tissue: HCT15 Whole Cell lysates

Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.