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HPS6 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS16074

Specification

HPS6 Antibody (Internal) - Product Information

Application	**IHC**
Primary Accession	Q86YV9
Reactivity	**Human, Monkey**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**83kDa KDa**

HPS6 Antibody (Internal) - Additional Information

Gene ID 79803

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

Target/Specificity
Human HPS6.

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
HPS6 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

HPS6 Antibody (Internal) - 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

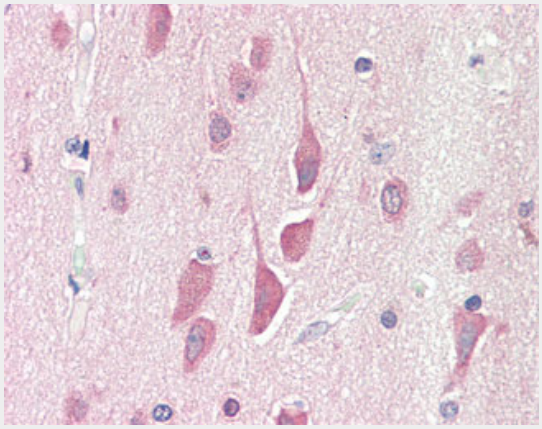
Ubiquitous.

HPS6 Antibody (Internal) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HPS6 Antibody (Internal) - Images



Anti-HPS6 antibody IHC staining of human brain, cortex.

HPS6 Antibody (Internal) - Background

May regulate the synthesis and function of lysosomes and of highly specialized organelles, such as melanosomes and platelet dense granules.

HPS6 Antibody (Internal) - 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).