

Rabbit anti-Human HPS6 Polyclonal Antibody | anti-HPS6 antibody

HPS6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234476	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

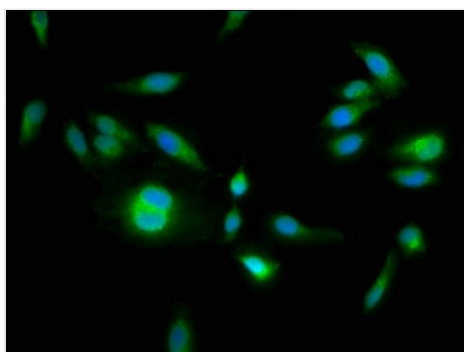
PRODUCT SYNONYMS

HPS6; Polyclonal Antibody; HPS6 Antibody; Hermansky-Pudlak syndrome 6 protein; Ruby-eye protein homolog; Ru; anti-HPS6 antibody

PRODUCT SPECIFICATIONS

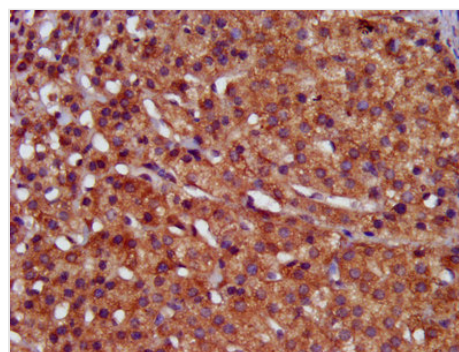
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	775
Applicable Applications for anti-HPS6 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Hermansky-Pudlak syndrome 6 protein (221-319AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



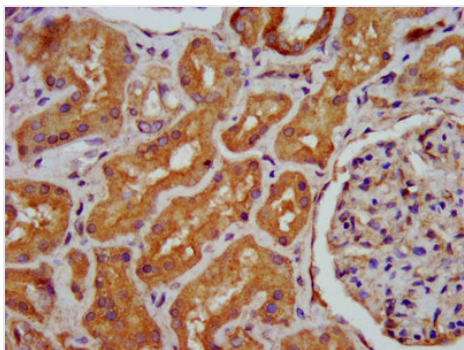
IHC (Immunohistochemistry)

Immunofluorescence staining of HeLa cells with AAA234476 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234476 diluted at 1:400 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234476 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-HPS6 antibody	May regulate the synthesis and function of lysosomes and of highly specialized organelles, such as melanosomes and platelet dense granules (PubMed:17041891). Acts as 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).
Product Categories/Family for anti-HPS6 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	31881785
NCBI GeneID	79803
NCBI Accession #	NP_079023.2
NCBI GenBank Nucleotide #	NM_024747.5
UniProt Accession #	Q86YV9; Q5VV69; Q9H685
Molecular Weight	82,975 Da
NCBI Official Full Name	Hermansky-Pudlak syndrome 6 protein
NCBI Official Synonym Full Names	HPS6, biogenesis of lysosomal organelles complex 2 subunit 3
NCBI Official Symbol	HPS6
NCBI Official Synonym Symbols	BLOC2S3
NCBI Protein Information	Hermansky-Pudlak syndrome 6 protein
UniProt Protein Name	Hermansky-Pudlak syndrome 6 protein
UniProt Gene Name	HPS6
UniProt Synonym Gene Names	Ru

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.