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## anti-HPS6 antibody (AA 221-319)

3 Images



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#### Overview

Quantity:	100 μg
Target:	HPS6
Binding Specificity:	AA 221-319
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HPS6 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

#### **Product Details**

Immunogen:	Recombinant Human Hermansky-Pudlak syndrome 6 protein (221-319AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	HPS6
Alternative Name:	HPS6 (HPS6 Products)
Background:	Background: May regulate the synthesis and function of lysosomes and of highly specialized
	organelles, such as melanosomes and platelet dense granules (PubMed:17041891). Acts as

#### **Target Details**

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).

Aliases: BLOC2S3 antibody, FLJ22501 antibody, Hermansky Pudlak syndrome 6 protein antibody, Hermansky-Pudlak syndrome 6 protein antibody, HPS6 antibody, HPS6 biogenesis of lysosomal organelles complex 2 subunit 3 antibody, HPS6\_HUMAN antibody, MGC20522 antibody, Ru antibody, Ruby eye protein homolog antibody, Ruby-eye protein homolog antibody

UniProt:

Preservative:

**Q86YV9** 

### **Application Details**

Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300

Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

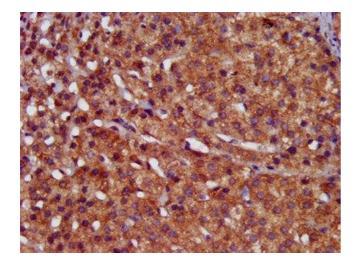
ProClin

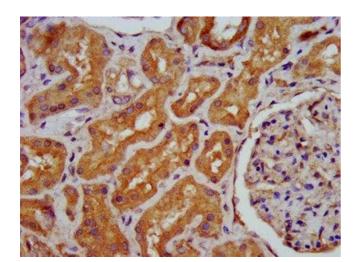
Precaution of Use:

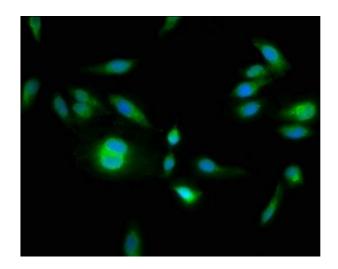
This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.







#### **Immunohistochemistry**

Image 1. IHC image of ABIN7155077 diluted at 1:400 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica BondTM 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°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

#### **Immunohistochemistry**

Image 2. IHC image of ABIN7155077 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM 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°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

#### **Immunofluorescence**

**Image 3.** Immunofluorescence staining of Hela cells with ABIN7155077 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°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).