

For Research Use Only

HPS6 Polyclonal antibody

Catalog Number: 11371-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

11371-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1929

GenBank Accession Number:

BC011594

GeneID (NCBI):

79803

UNIPROT ID:

Q86YV9

Full Name:

Hermansky-Pudlak syndrome 6

Calculated MW:

775 aa, 83 kDa

Observed MW:

83 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, HEK-293 cells, MCF-7 cells

IP : HeLa cells,

IHC : human ovary tumor tissue, human kidney tissue

Background Information

Hermansky-Pudlak syndrome (HPS) defines a group of at least seven autosomal recessive disorders characterized by albinism and prolonged bleeding due to defects in the lysosome-related organelles, melanosomes and platelet-dense granules, respectively. HSP6, also named as Ru, regulates the synthesis and function of lysosomes and of highly specialized organelles, such as melanosomes and platelet dense granules. It acts as cargo adapter for the dynein-dynactin motor complex to mediate the transport of lysosomes from the cell periphery to the perinuclear region.

Notable Publications

Author	Pubmed ID	Journal	Application
Seunghyi Kook	29190429	Am J Respir Cell Mol Biol	WB
Saurabh Shakya	30404817	EMBO Rep	WB
Anish Vaibhav Sharda	32614949	Blood	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

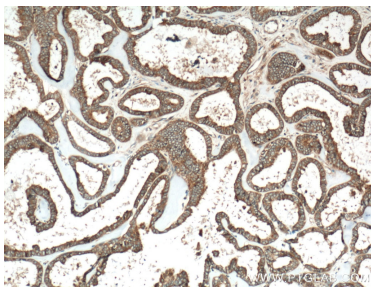
For technical support and original validation data for this product please contact:

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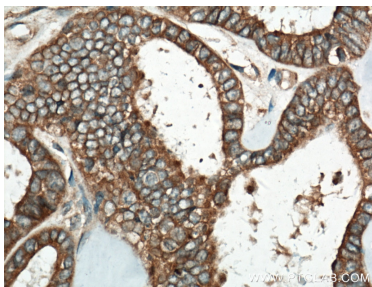
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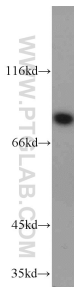
Selected Validation Data



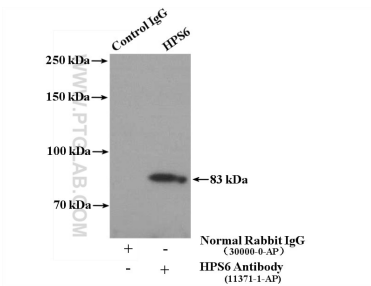
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11371-1-AP (HPS6 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11371-1-AP (HPS6 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HeLa cells were subjected to SDS PAGE followed by western blot with 11371-1-AP (HPS6 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-HPS6 (IP:11371-1-AP, 4ug; Detection:11371-1-AP 1:300) with HeLa cells lysate 3000ug.