

For Research Use Only

HPS1 Polyclonal antibody

Catalog Number:15077-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

15077-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7149

GenBank Accession Number:

BC000175

GeneID (NCBI):

3257

UNIPROT ID:

Q92902

Full Name:

Hermansky-Pudlak syndrome 1

Calculated MW:

79 kDa

Observed MW:

70-79 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB, IF, RIP

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : Y79 cells, Transfected HEK-293 cells, Raji cells, L02 cells, K-562 cells, mouse lung tissue

IF/ICC : L02 cells, HEK-293 cells

Background Information

HPS1, also named as Hermansky-Pudlak syndrome 1 protein, is a 700 amino acid protein, which is a component of multiple cytoplasmic organelles. HPS1 is Apparently crucial for their normal development and function and involved in intracellular protein sorting.HPS1 is involved in the biogenesis of early melanosomes.

Notable Publications

Author	Pubmed ID	Journal	Application
Seunghyi Kook	29190429	Am J Respir Cell Mol Biol	WB,IF
Tongxin Xu	35715622	Clin Exp Metastasis	RIP
Yasuhiro Ikawa	25468649	Mol Genet Metab	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

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

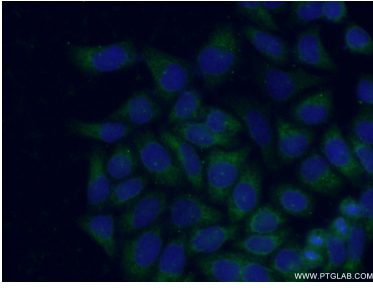
T: 4006900926

E: Proteintech-CN@ptglab.com

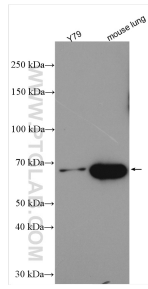
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed L02 cells using 15077-1-AP (HPS1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 15077-1-AP (HPS1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.