

For Research Use Only

HPS1 Polyclonal antibody

Catalog Number: 15077-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 15077-1-AP	GenBank Accession Number: BC000175	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop;	GeneID (NCBI): 3257	Recommended Dilutions: WB 1:1000-1:4000 IF 1:50-1:500
Source: Rabbit	Full Name: Hermansky-Pudlak syndrome 1	
Isotype: IgG	Calculated MW: 79 kDa	
Immunogen Catalog Number: AG7149	Observed MW: 70-79 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Cited Applications: IF, RIP, WB	WB: Y79 cells, Transfected HEK-293 cells, Raji cells, L02 cells, K-562 cells, mouse lung tissue
Species Specificity: human	IF: L02 cells, HEK-293 cells
Cited Species: human, mouse	

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

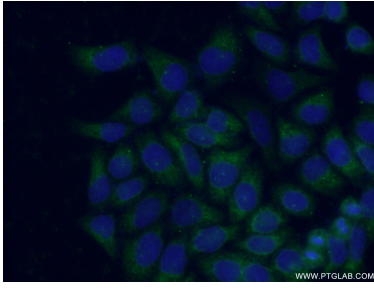
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

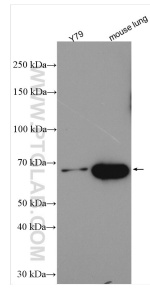
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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 AffiniPure 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.