

HPS1 antibody

Catalog No: #39051

Package Size: #39051-1 50ul #39051-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

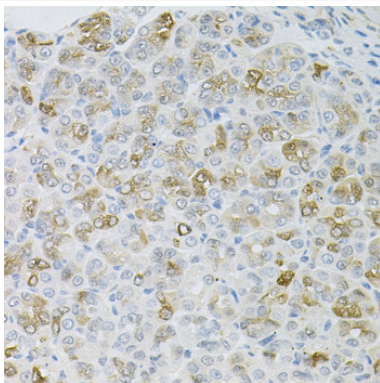
Description

Product Name	HPS1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total HPS1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human HPS1.
Target Name	HPS1
Other Names	HPS;
Accession No.	Swiss-Prot#: Q92902NCBI Gene ID: 3257
Uniprot	Q92902
GeneID	3257;
SDS-PAGE MW	79kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

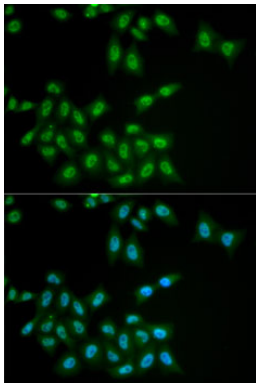
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:100 IF □ 1:50 - 1:100

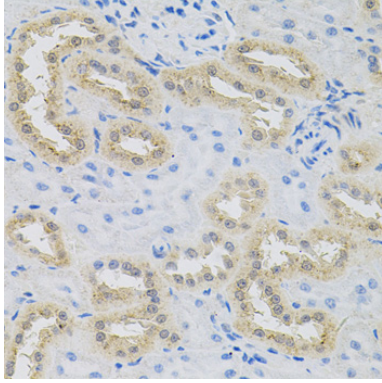
Images



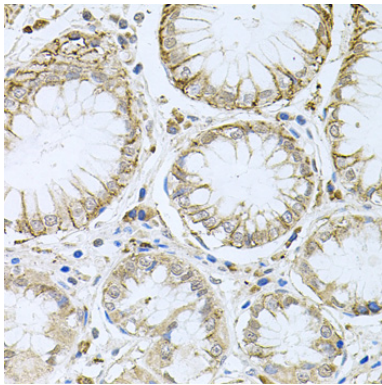
Immunohistochemistry of paraffin-embedded mouse stomach using HPS1 at dilution of 1:100 (40x lens).



Immunofluorescence analysis of MCF7 cells using HPS1 .
Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded rat kidney using
HPS1 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach
using HPS1 at dilution of 1:100 (40x lens).

Background

This gene encodes a protein that may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. The encoded protein is a component of three different protein complexes termed biogenesis of lysosome-related organelles complex (BLOC)-3, BLOC4, and BLOC5. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 1. Multiple transcript variants encoding distinct isoforms have been identified for this gene; the full-length sequences of some of these have not been determined yet.

Note: This product is for in vitro research use only