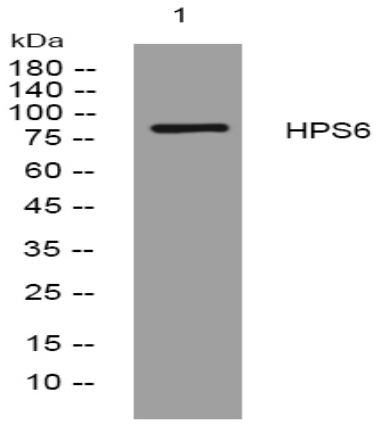
Best Tools for immunology Research

HPS6 rabbit pAb

Catalog No :	YT7674
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	HPS6
Gene Name :	HPS6
Protein Name :	HPS6
Human Gene Id :	79803
Human Swiss Prot No :	Q86YV9
Mouse Gene Id :	20170
Mouse Swiss Prot No :	Q8BLY7
Rat Gene Id :	309446
Rat Swiss Prot No :	Q7M733
Immunogen :	Synthesized peptide derived from human HPS6 AA range: 168-218
Specificity :	This antibody detects endogenous levels of HPS6 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1□500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	85kD
Background :	This intronless gene encodes a protein that may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. This protein interacts with Hermansky-Pudlak syndrome 5 protein. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 6. [provided by RefSeq, Jul 2008],
Function :	disease:Defects in HPS6 are the cause of Hermansky-Pudlak syndrome type 6 (HPS6) [MIM:203300]. Hermansky-Pudlak syndrome (HPS) is a genetically heterogeneous, rare, autosomal recessive disorder characterized by oculocutaneous albinism, bleeding due to platelet storage pool deficiency, and lysosomal storage defects. This syndrome results from defects of diverse cytoplasmic organelles including melanosomes, platelet dense granules and lysosomes. Ceroid storage in the lungs is associated with pulmonary fibrosis, a common cause of premature death in individuals with HPS.,function:May regulate the synthesis and function of lysosomes and of highly specialized organelles, such as melanosomes and platelet dense granules.,subunit:Directly interacts with HSP5 in a complex known as biogenesis of lysosome-related organelles complex-2 (or BLOC2).,
Subcellular Location :	Microsome membrane . Cytoplasm, cytosol . Early endosome membrane . Lysosome membrane .
Expression :	Ubiquitous.
Sort :	7776
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4°over night