



HPS6 mouse mAb

Catalog No	YP-mAb-12308
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	HPS6
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	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Hermansky Pudlak syndrome 6;HPS6;RP11 302K17.1;Ru;Ruby eye protein homolog
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Microsome membrane . Cytoplasm, cytosol . Early endosome membrane . Lysosome membrane .
Tissue Specificity	Ubiquitous.
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).,

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],

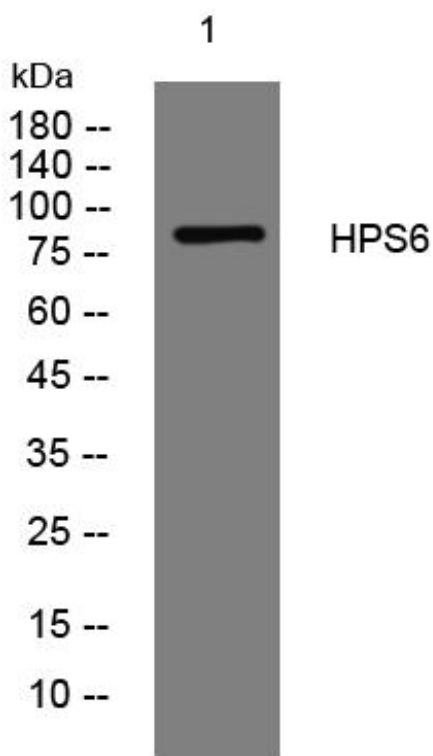
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using HPS6 mouse mAb