



Anti-HPS1 (aa 93-112) polyclonal antibody (CABT-BL4872)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Polyclonal antibody to Human HPS1.
Immunogen	Fusion protein: AINGDHTESEGLRRKLYVL, corresponding to amino acids 93/112 of Human HPS1.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µl
Buffer	50% Glycerol
Preservative	None
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

BACKGROUND

Introduction

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. [provided by RefSeq, Jul 2008]

GENE INFORMATION

Entrez Gene ID	3257
Protein Refseq	NP_000186
UniProt ID	Q658M9
Chromosome Location	10q23.1-q23.3
Function	protein binding; protein dimerization activity;
