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Datasheet for ABIN5514865  
**anti-HPS1 antibody (C-Term)**

### Overview

Quantity:	100 µL
Target:	HPS1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HPS1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human HPS1
Sequence:	PSRGGPHLPQ HLQDQVQRLM REKLTDWKDF LLVKSRRNIT MVSYLEDFPG
Characteristics:	This is a rabbit polyclonal antibody against HPS1. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	HPS1
Alternative Name:	HPS1 ( <a href="#">HPS1 Products</a> )
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

## Target Details

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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.

Alias Symbols: HPS1, HPS,

Protein Interaction Partner: PSEN2, MYC, UBC, HPS4,

Protein Size: 667

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Gene ID: 3257

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NCBI Accession: [XP\\_005269815](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.