



Anti-HPS4 (aa 385-430) polyclonal antibody (CABT-BL1839)

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

PRODUCT INFORMATION

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| Immunogen | Fusion protein: GHFAFLHVPVPDGRAPYCKASLSASSSLEPTPPEDTAISS LRPPSA, corresponding to amino acids 385/430 of Human HPS4 |
| Isotype | IgG |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Purification | Whole antiserum |
| Conjugate | Unconjugated |
| Applications | WB |
| Cellular Localization | lysosome, melanosome, membrane fraction and platelet dense granule |
| Format | Liquid |
| Concentration | Lot specific |
| 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

Hermansky-Pudlak syndrome is a disorder of organelle biogenesis in which oculocutaneous albinism, bleeding, and pulmonary fibrosis result from defects of melanosomes, platelet dense granules, and lysosomes. Mutations in this gene as well as several others can cause this syndrome. The protein encoded by this gene appears to be important in organelle biogenesis and is similar to the mouse light ear protein. Multiple transcript variants encoding different isoforms have been found for this gene.

GENE INFORMATION

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| Entrez Gene ID | 89781 |
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| Protein Refseq | NP_071364 |
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| UniProt ID | A8K2E6 |
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