


Product datasheet

Anti-HPS2 antibody ab60938

★★★★★ 1 Abreviews 1 图像

概述

产品名称	Anti-HPS2抗体
描述	小鼠单克隆抗体to HPS2
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Human 预测可用于: Cow, Dog 
免疫原	Recombinant fragment with tag: KEQGVLTGMN ETSAVIIAAP QNFTPSVIFQ KVVNVANVGA VPSGQDNIHR FAAKTVHSGS LMLVTVELKE GSTAQLIINT EKTVIGSVLL RELKPVLSQG , corresponding to amino acids 995-1095 of Human HPS2 Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Recombinant protein.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: PBS, pH 7.2
纯度	Protein A purified
克隆	单克隆
同种型	IgG2a

应用

Our [Abpromise guarantee](#) covers the use of **ab60938** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB	★★★★★	
ELISA		

应用说明

ELISA: Use at an assay dependent dilution.

WB: Use at a concentration of 1 µg/ml. Detects a band of approximately 35 kDa (predicted molecular weight: 121 kDa).

This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

Subunit of non-clathrin- and clathrin-associated adaptor protein complex 3 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules. AP-3 appears to be involved in the sorting of a subset of transmembrane proteins targeted to lysosomes and lysosome-related organelles.

组织特异性

Ubiquitously expressed.

疾病相关

Defects in AP3B1 are the cause of Hermansky-Pudlak syndrome type 2 (HPS2) [MIM:608233]. 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. HPS2 differs from the other forms of HPS in that it includes immunodeficiency in its phenotype and patients with HPS2 have an increased susceptibility to infections.

序列相似性

Belongs to the adaptor complexes large subunit family.

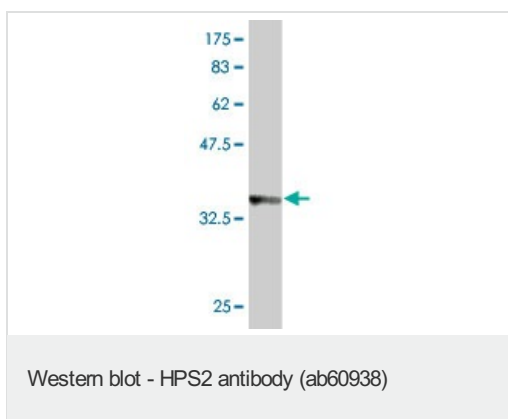
翻译后修饰

Phosphorylated on serine residues.

细胞定位

Golgi apparatus. Cytoplasmic vesicle > clathrin-coated vesicle membrane. Golgi apparatus. Component of the coat surrounding the cytoplasmic face of coated vesicles located at the Golgi complex.

Anti-HPS2 antibody 图像



Anti-HPS2 antibody (ab60938) +
Recombinant protein at 0.2 µg

Secondary

Goat Anti-Mouse IgG (H&L)-HRP at 1/5000
dilution

Predicted band size : 121 kDa

Observed band size : 35 kDa

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