

Anti-SAR1B antibody ab74046

2 图像

概述

产品名称	Anti-SAR1B抗体
描述	兔多克隆抗体to SAR1B
宿主	Rabbit
经测试应用	适用于: WB, ELISA, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat 
免疫原	Synthetic peptide derived from internal sequence of human SAR1B.
阳性对照	Human placenta tissue. Extracts from LOVO and RAW264.7 cells.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab74046于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

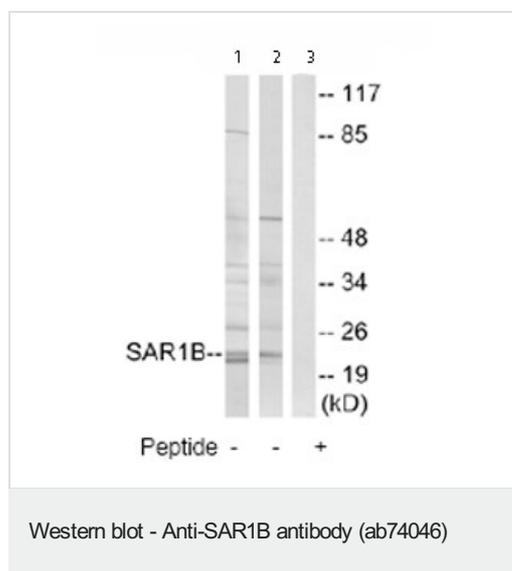
应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 22 kDa (predicted molecular weight: 22 kDa).
ELISA		1/20000.

应用	Ab评论	说明
IHC-P		1/50 - 1/100.

靶标

功能	Involved in transport from the endoplasmic reticulum to the Golgi apparatus. Activated by the guanine nucleotide exchange factor PREB. Involved in the selection of the protein cargo and the assembly of the COPII coat complex.
组织特异性	Expressed in many tissues including small intestine, liver, muscle and brain.
疾病相关	Defects in SAR1B are the cause of chylomicron retention disease (CMRD) [MIM:246700]; also known as Anderson disease (ANDD). CMRD is an autosomal recessive disorder of severe fat malabsorption associated with failure to thrive in infancy. The condition is characterized by deficiency of fat-soluble vitamins, low blood cholesterol levels, and a selective absence of chylomicrons from blood. Affected individuals accumulate chylomicron-like particles in membrane-bound compartments of enterocytes, which contain large cytosolic lipid droplets.
序列相似性	Belongs to the small GTPase superfamily. SAR1 family.
细胞定位	Endoplasmic reticulum membrane. Golgi apparatus > Golgi stack membrane. Associated with the endoplasmic reticulum and Golgi stacks, in particular in the juxta-nuclear Golgi region.

图片



All lanes : Anti-SAR1B antibody (ab74046) at 1/500 dilution

Lane 1 : Extracts from LOVO cells

Lane 2 : Extracts from RAW264.7 cells

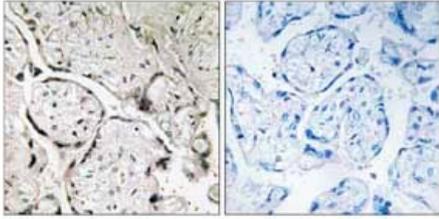
Lane 3 : Extracts from LOVO cells with immunising peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 22 kDa

Observed band size: 22 kDa

Additional bands at: 21 kDa, 27 kDa, 35 kDa, 40 kDa, 55 kDa, 87 kDa. We are unsure as to the identity of these extra bands.



Peptide

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SAR1B antibody (ab74046)

Immunohistochemistry analysis of paraffin-embedded human placenta tissue using ab74046, at 1/50 dilution, in the presence (right panel) or absence (left panel) of immunising peptide.

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