


Anti-Synip antibody [EP302Y] ab40674

RabMAb

3 References [2 图像](#)

概述

产品名称	Anti-Synip抗体[EP302Y]
描述	兔单克隆抗体[EP302Y] to Synip
宿主	Rabbit
特异性	This antibody is specific for Synip. It is predicted to detect the isoform 2 based an sequence analysis.
经测试应用	适用于: WB, IHC-P 不适用于: ICC/IF or IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Human skeletal lysate and human lung carcinoma tissue.
常规说明	<p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 99% Tissue culture supernatant, 0.1% BSA
纯度	Protein A purified

克隆 单克隆
克隆编号 EP302Y
同种型 IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab40674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		1/5000 - 1/20000. Detects a band of approximately 68 kDa (predicted molecular weight: 61 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

应用说明 Is unsuitable for ICC/IF or IP.

靶标

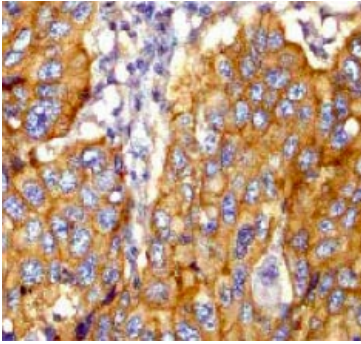
功能 Plays a role in the translocation of transport vesicles from the cytoplasm to the plasma membrane. Inhibits the translocation of SLC2A4 from intracellular vesicles to the plasma membrane by STX4A binding and preventing the interaction between STX4A and VAMP2. Stimulation with insulin disrupts the interaction with STX4A, leading to increased levels of SLC2A4 at the plasma membrane. May also play a role in the regulation of insulin release by pancreatic beta cells after stimulation by glucose.

序列相似性 Contains 1 PDZ (DHR) domain.
Contains 1 WW domain.

翻译后修饰 Phosphorylated on Ser-99 by PKB/AKT2 after insulin treatment. Phosphorylation on Ser-99 abolishes the interaction with STX4A (By similarity). Phosphorylated upon DNA damage, probably by ATM or ATR.

细胞定位 Cytoplasm.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Synip antibody [EP302Y] (ab40674)

ab40674 at a 1:250 dilution staining Synip in human lung carcinoma.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Western blot - Anti-Synip antibody [EP302Y] (ab40674)

Anti-Synip antibody [EP302Y] (ab40674) at 1/5000 dilution + human skeletal lysate

Predicted band size: 61 kDa

Observed band size: 68 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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