— ABLYBIO, Help Your Research

ASAP2 Rabbit pAb

货号: B20929

产品信息

反应	Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	
实测分子量	112kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse lung,Mouse heart
细胞定位	plasma membrane
纯化	Affinity purification

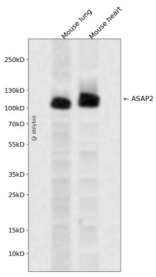
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human ASAP2 (NP_001128663).
序列	MPDQISVSEFVAETHEDYKAPTASSFTTRTAQCRNTVAAIEEALDVDRMVLYKMKKSVKAINSSGLAHVENEEQYTQALEK FGGNCVCRDDPDLGSAFLKFSVFTKELTALFKNLIQNMN

靶点信息

研究背景	This gene encodes a multidomain protein containing an N-terminal alpha-helical region with a coiled-coil motif, followed by a pleckstrin homology (PH) domain, an Arf-GAP domain, an ankyrin homology region, a proline-rich region, and a C-terminal Src homology 3 (SH3) domain. The protein localizes in the Golgi app aratus and at the plasma membrane, where it colocalizes with protein tyrosine kinase 2-beta (PYK2). The encoded protein forms a stable complex with PYK2 in vivo. This interaction appears to be mediated by bi nding of its SH3 domain to the C-terminal proline-rich domain of PYK2. The encoded protein is tyrosine ph osphorylated by activated PYK2. It has catalytic activity for class I and II ArfGAPs in vitro, and can bind th e class III Arf ARF6 without immediate GAP activity. The encoded protein is believed to function as an ARF GAP that controls ARF-mediated vesicle budding when recruited to Golgi membranes. In addition, it functi ons as a substrate and downstream target for PYK2 and SRC, a pathway that may be involved in the regul ation of vesicular transport. Multiple transcript variants encoding different isoforms have been found for t his gene. [provided by RefSeq, Sep 2008]
基因**ID**	8853
基因名	ASAP2
Swiss	O43150
别名	AMAP2;CENTB3;DDEF2;PAG3;PAP;Pap-alpha;SHAG1;ASAP2

产品验证



Western blot analysis of ASAP2 expressed in Mouse lung,Mouse heart using ASAP2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

访问官网浏览详情: www.ablybio.cn