

— ABLYBIO, Help Your Research



ATIC Rabbit pAb

货号: **AYP17000**

产品信息

反应	Human
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	64kDa
实测分子量	62kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7,SW480,NCI-H460,HepG2,SW620,HT-29,K-562
细胞定位	cytosol,extracellular exosome,plasma membrane
纯化	Affinity purification

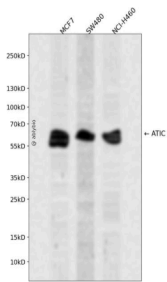
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human ATIC (N P_004035.2).
------	---

靶点信息

研究背景	This gene encodes a bifunctional protein that catalyzes the last two steps of the de novo purine biosynthetic pathway. The N-terminal domain has phosphoribosylaminoimidazolecarboxamide formyltransferase activity, and the C-terminal domain has IMP cyclohydrolase activity. A mutation in this gene results in AICA-ribosiduria.
基因ID	471
基因名	ATIC
Swiss	P31939 (https://www.uniprot.org/uniprotkb/P31939/entry)
别名	ATIC,AICAR,AICARFT,HEL-S-70p,IMPCHASE,PURH,ATIC Rabbit pAb,AICAR transformylase/inosine monophosphate cyclohydrolase,5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase,AICAR transformylase,IMP synthase,Inosinicase

产品验证



Western blot analysis of ATIC expressed in MCF7,SW480,NCI-H460 using ATIC 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 (<https://www.ablybio.cn/www.ablybio.cn>)