

# 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	<b>WB:</b> 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

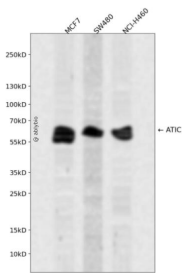
抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human ATIC (NP_004035.2).
序列	MAPGQLALFSVSDKTGLVEFARNLTALGLNLVASGGTAKALRDAGLAVRDVSELTFPEMLGGRVKTLPVAVHAGILARNI PEDNADMARLDFNLIRVVACNLYPFVKTVASPGVTVEEAVEQIDIGGVTLRRAAKNHARVTVVCEPEDYVVVSTEMQSSE SKDTSLETRRLKAFHTAQYDEAISDYFRKQYSGVSMPLRYGMNPHQTPAQLYTLQPKLPITVLNGAPGFINLCDA LNAWQLVKELKEALGIPAAASFKHVSPAGAAVGIPLSEDEAKVCMVYDLYKTLTPIS

## 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 AICARibosiduria.
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基因ID	471
基因名	ATIC
Swiss	P31939
别名	ATIC;AICAR;AICARFT;HEL-S-70p;IMPCHASE;PURH

## 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

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