

# UMPS Rabbit pAb

货号: **AYP17019**

## 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	22kDa/33kDa/42kDa/52kDa
实测分子量	56kDa
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	Jurkat
细胞定位	cytoplasm, cytosol, nucleus
纯化	Affinity purification

## 抗原信息

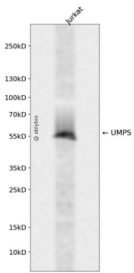
抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 181-480 of human UMP S (NP_000364.1).
序列	EILEQKKVDAETVGRVKRFIQENVFVAANHNGSPLSIKEAPKELSFGARAEIPRIHPVASKLLRLMQKKNLCLSLADVSLARELLQLADALGPSICMLKTHVDILNDFTLDMKELITLAKCHEFLIFEDRKFADIGNTVKKQYEGGIFKIASWADLVNAHVVP GSGVVKGLQEVLPLHRGCLLIAEMSSTGSLATGDYTRAAVRMAEEHSEFVVGFIGSRVSMKPEFLHLTPGVQLEAGGD NLGQQYNPQEVIGKRGSDIIIVGRGIISAADRLEAAEMYRKAWEAYLSRLGV

## 靶点信息

研究背景	This gene encodes a uridine 5'-monophosphate synthase. The encoded protein is a bifunctional enzyme that catalyzes the final two steps of the de novo pyrimidine biosynthetic pathway. The first reaction is carried out by the N-terminal enzyme orotate phosphoribosyltransferase which converts orotic acid to orotidine-5'-monophosphate. The terminal reaction is carried out by the C-terminal enzyme OMP decarboxylase which converts orotidine-5'-monophosphate to uridine monophosphate. Defects in this gene are the cause of hereditary orotic aciduria. Alternate splicing results in multiple transcript variants.
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基因ID	7372
基因名	UMPS
Swiss	P11172
别名	UMPS;OPRT

## 产品验证



Western blot analysis of UMPS expressed in Jurkat using UMPS 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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