

# NUDT5 Rabbit mAb

货号: **AYM29646**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	30kDa
实测分子量	30kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,HepG2,A-431,Mouse thymus,Mouse liver,Rat kidney
细胞定位	cytosol,extracellular exosome,nucleus
纯化	Affinity purification

## 抗原信息

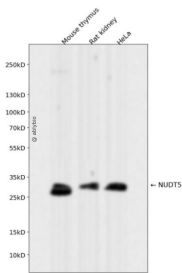
抗原信息	Recombinant fusion protein corresponding to Human NUDT5.
序列	MESQEPTESSQNGKQYIISEELISEGKWWKLEKTTYMDPTGKTRTWESVKRTRRKEQTADGVAVIPVLQRTLHYECIVLVKQFRPPMGGYCIEFPAGLID

## 靶点信息

研究背景	This gene belongs to the Nudix (nucleoside diphosphate linked moiety X) hydrolase superfamily. The encoded enzyme catalyzes the hydrolysis of modified nucleoside diphosphates, including ADP-ribose (ADPR) and 8-oxoGua-containing 8-oxo-dADP and 8-oxo-dGDP. Protein-bound ADP ribose can be hazardous to the cell because it can modify some amino acid residues, resulting in the inhibition of ATP-activated potassium channels. 8-oxoGua is an oxidized form of guanine that can potentially alter genetic information by pairing with adenine and cytosine in RNA. Presence of 8-oxoGua in RNA results in formation of abnormal proteins due to translational errors.
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基因ID	11164
基因名	NUDT5
Swiss	Q9UJK9
别名	NUDT5; YSA1; YSA1H; YSAH1; hNUDT5; nudix hydrolase 5

## 产品验证



Western blot analysis of NUDT5 expressed in Mouse thymus, Rat kidney, HeLa using NUDT5 Rabbit mAb 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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