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NUDT5 (YD36190) Rabbit mAb

货号: **AYD16425**

产品信息

反应	Human, Mouse, Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	
理论分子量	24kDa
实测分子量	
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	Nucleus
纯化	亲和纯化

抗原信息

抗原信息	
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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.
基因ID	11164
基因名	NUDT5
Swiss	Q9UKK9 (https://www.uniprot.org/uniprotkb/Q9UKK9/entry)
别名	NUDT5 (YD36190),NUDT5 (YD36190) Rabbit mAb,NUDT5,8-oxo-dGDP phosphatase,Nuclear ATP-synthesis protein NUDIX5,Nucleoside diphosphate-linked moiety X motif 5,YSA1H,NUDIX5

产品验证

实验步骤

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