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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	WB: 1:500 - 1:2000 IHC: 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

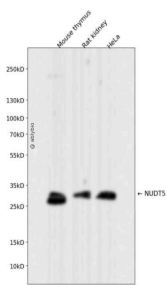
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human NUDT5.
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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	Q9UUK9 (https://www.uniprot.org/uniprotkb/Q9UUK9/entry)
别名	NUDT5,NUDT5 Rabbit mAb,8-oxo-dGDP phosphatase,Nuclear ATP-synthesis protein NUDIX5,Nucleoside di phosphate-linked moiety X motif 5,YSA1H,NUDIX5

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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