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URM1 Rabbit pAb

货号: **AYP19180**

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:100
理论分子量	7kDa/11kDa/15kDa
实测分子量	11kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Rat eye
细胞定位	Cytoplasm
纯化	Affinity purification

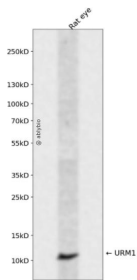
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-63 of human URM1 (N P_001252511.1).
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靶点信息

研究背景	Acts as a sulfur carrier required for 2-thiolation of mcm(5S(2U at tRNA wobble positions of cytosolic tRNA (Lys, tRNA(Glu and tRNA(Gln. Serves as sulfur donor in tRNA 2-thiolation reaction by being thiocarboxylated (-COSH at its C-terminus by MOCS3. The sulfur is then transferred to tRNA to form 2-thiolation of mcm(5S(2U. Also acts as a ubiquitin-like protein (UBL that is covalently conjugated via an isopeptide bond to lysine residues of target proteins such as MOCS3, ATPBD3, CTU2, USP15 and CAS. The thiocarboxylated form serves as substrate for conjugation and oxidative stress specifically induces the formation of UBL-protein conjugates.
基因ID	81605
基因名	URM1
Swiss	Q9BTM9 (https://www.uniprot.org/uniprotkb/Q9BTM9/entry)
别名	URM1,C9orf74,URM1 Rabbit pAb

产品验证



Western blot analysis of URM1 expressed in Rat eye using URM1 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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