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FEN1 (YD13450) Rabbit mAb

货号: **AYD15575**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P
推荐浓度	
理论分子量	43kDa
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	NIH/3T3,HeLa,Jurkat,Y79,Mouse spleen,Mouse testis
细胞定位	Nucleus, nucleolus, nucleoplasm, Mitochondrion
纯化	亲和纯化

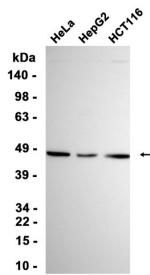
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靶点信息

研究背景	The protein encoded by this gene removes 5' overhanging flaps in DNA repair and processes the 5' ends of Okazaki fragments in lagging strand DNA synthesis. Direct physical interaction between this protein and AP endonuclease 1 during long-patch base excision repair provides coordinated loading of the proteins onto the substrate, thus passing the substrate from one enzyme to another. The protein is a member of the XPG/RAD2 endonuclease family and is one of ten proteins essential for cell-free DNA replication. DNA secondary structure can inhibit flap processing at certain trinucleotide repeats in a length-dependent manner by concealing the 5' end of the flap that is necessary for both binding and cleavage by the protein encoded by this gene. Therefore, secondary structure can deter the protective function of this protein, leading to site-specific trinucleotide expansions.
基因ID	2237
基因名	FEN1
Swiss	P39748 (https://www.uniprot.org/uniprotkb/P39748/entry)
别名	FEN1 (YD13450),FEN1 (YD13450) Rabbit mAb,FEN1, DNase IV, Flap structure-specific endonuclease 1, Maturation factor 1, RAD2

产品验证



实验步骤

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