

Ku80 Rabbit mAb

货号: **AYM30805**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 1:20 - 1:50
理论分子量	83kDa
实测分子量	83kDa
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,A-549,MCF7
细胞定位	Chromosome,Nucleus,nucleolus
纯化	Affinity purification

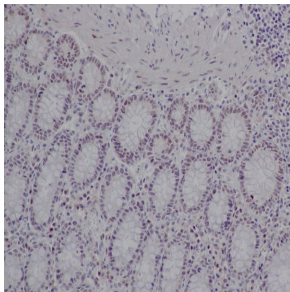
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Ku80.
序列	MKSIDCIRAFREEAIKFSEEQRFNFLKALQEKVEIKQLNHFWIIVVQDGITLITKEEASGSSVTAEAKKFLAPKDKPSGDT AAVFEEGGDVDDLDMI

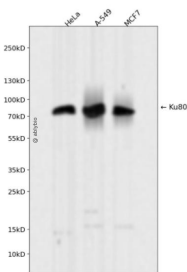
靶点信息

研究背景	The protein encoded by this gene is the 80-kilodalton subunit of the Ku heterodimer protein which is also known as ATP-dependant DNA helicase II or DNA repair protein XRCC5. Ku is the DNA-binding component of the DNA-dependent protein kinase, and it functions together with the DNA ligase IV-XRCC4 complex in the repair of DNA double-strand break by non-homologous end joining and the completion of V(D)J recombination events. This gene functionally complements Chinese hamster xrs-6, a mutant defective in DNA double-strand break repair and in ability to undergo V(D)J recombination. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity. [provided by RefSeq, Jul 2008]
基因ID	7520
基因名	XRCC5
Swiss	P13010
别名	KARP-1; KARP1; KU80; KUB2; Ku86; NFIV

产品验证



Immunohistochemical analysis of paraffin-embedded human colon, using Ku80 Antibody.



Western blot analysis of Ku80 expressed in HeLa, A-549, MCF7 using Ku80 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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