

# Ku80 Rabbit pAb

货号: **AYP11258**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Human renal epithelial cell line , Mus musculus , Homo sapiens <b>IF:</b> Mus musculus
应用	<a href="#">WB</a> <a href="#">IHC</a> <a href="#">IF/ICC</a> <a href="#">IP</a>
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IHC:</b> 1:100 - 1:200 <b>IF/ICC:</b> 1:20 - 1:100 <b>IP:</b> 1:50 - 1:200
理论分子量	82kDa
实测分子量	86KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549,MCF7
细胞定位	Chromosome,Nucleus,nucleolus
纯化	Affinity purification

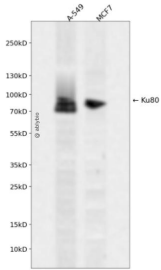
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 543-732 of human Ku80 (NP_066964.1).
序列	KKKDQVTAQEIFQDNHEDGPTAKLKLKTEQGGAHFSVSSLAEGSVTSVGSVNPAENFRVLVKQKKASFEEASNQLINHIEQ FLDTNETPYFMKSIDCIRAFREEAIKFSEEQRFNNFLKALQEKEIKQLNHFWIIVVQDGITLITKEEASGSSVTAEAAKKFLA PKDKPSGDAAVFEEGGDVDDLLDMI

## 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.
基因ID	7520
基因名	XRCC5
Swiss	P13010
别名	XRCC5;KARP-1;KARP1;KU80;KUB2;Ku86;NFIV

## 产品验证



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