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# Ku70 Rabbit pAb

货号: **AYP11297**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>IF:</b> Human renal epithelial cell line , Homo sapiens <b>IP:</b> Human renal epithelial cell line , Homo sapiens <b>WB:</b> Homo sapiens <b>IHC:</b> Mus musculus
应用	WB IHC IF/ICC IP
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:100 <b>IF/ICC:</b> 1:50 - 1:100 <b>IP:</b> 1:20 - 1:50
理论分子量	65kDa/69kDa
实测分子量	70kDa
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	COS-7,SW480,Mouse brain
细胞定位	Chromosome,Nucleus
纯化	Affinity purification

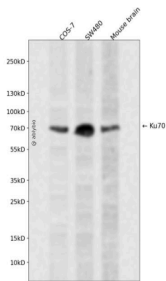
## 抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 500-600 of human Ku70 (NP_00146 0.1).
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## 靶点信息

研究背景	The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus.
基因ID	2547
基因名	XRCC6
Swiss	P12956 ( <a href="https://www.uniprot.org/uniprotkb/P12956/entry">https://www.uniprot.org/uniprotkb/P12956/entry</a> )
别名	XRCC6,CTC75,CTCBF,G22P1,KU70,ML8,TLAA,Ku70 Rabbit pAb,5'-deoxyribose-5-phosphate lyase Ku70,70 kDa subunit of Ku antigen,ATP-dependent DNA helicase 2 subunit 1,ATP-dependent DNA helicase II 70 kDa subunit,CTC box-binding factor 75 kDa subunit,DNA repair protein XRCC6

## 产品验证



Western blot analysis of Ku70 expressed in COS-7,SW480,Mouse brain using Ku70 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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