

DNA polymerase eta Rabbit pAb

货号: **AYP17954**

产品信息

反应	Human,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 - 1:1000 IF/ICC: 1:50 - 1:200
理论分子量	46kDa/78kDa
实测分子量	80KDa
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	Jurkat,HepG2,Mouse thymus,Mouse spleen
细胞定位	Nucleus
纯化	Affinity purification

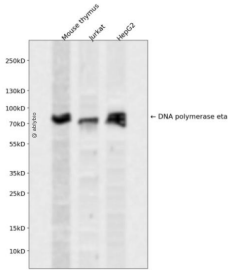
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 322-520 of human DNA polymerase eta (NP_006493.1).
序列	SKNFPGKTALATREQVQWLLQLAQELEERLTKDRNDNDRVATQLVVSIRVQGDKRLSSLRCCALTRYDAHKMSHDAF TVIKNCNTSGIQTEWSPPLTMLFLCATKFSASAPSSDITSLSSDPSSLPKVPVTSSEAKTQGSQPAVTATKKATTSLESF FQKAAERQKVKEASLSSLTAPTQAPMSNSPSKPSLPF

靶点信息

研究背景	This gene encodes a member of the Y family of specialized DNA polymerases. It copies undamaged DNA with a lower fidelity than other DNA-directed polymerases. However, it accurately replicates UV-damaged DNA; when thymine dimers are present, this polymerase inserts the complementary nucleotides in the newly synthesized DNA, thereby bypassing the lesion and suppressing the mutagenic effect of UV-induced DNA damage. This polymerase is thought to be involved in hypermutation during immunoglobulin class switch recombination. Mutations in this gene result in XPV, a variant type of xeroderma pigmentosum. Several transcript variants encoding different isoforms have been found for this gene.
基因ID	5429
基因名	POLH
Swiss	Q9Y253
别名	POLH;RAD30;RAD30A;XP-V;XPV

产品验证



Western blot analysis of DNA polymerase eta expressed in Mouse thymus, Jurkat, HepG2 using DNA polymerase eta 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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