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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

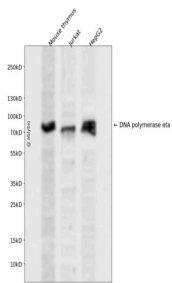
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 322-520 of human DNA polymerase eta (NP_006493.1).
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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 (https://www.uniprot.org/uniprotkb/Q9Y253/entry)
别名	POLH,RAD30,RAD30A,XP-V,XPV,DNA polymerase eta Rabbit pAb,RAD30 homolog A,Xeroderma pigmentosum variant type protein

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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