



POLH Polyclonal Antibody

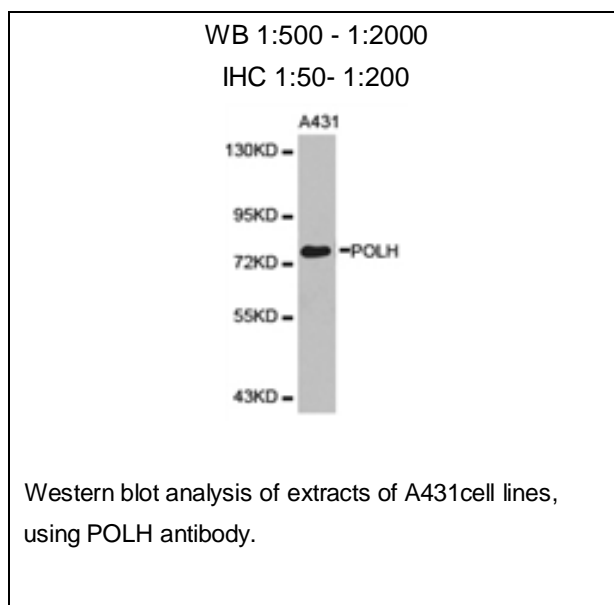
E91833

Catalog Number: E91833**Amount:** 100ul

Background: 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. [provided by RefSeq, Jul 2008]

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: FLJ16395; FLJ21978; RAD30; RAD30A; XP-V; XPV;**Immunogen:** Recombinant protein of human POLH**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB IHC**Molecular Weight:** 78kDa**Swiss-Prot No. :** Q9Y253**Gene ID:** 5429**For Research Use Only**