

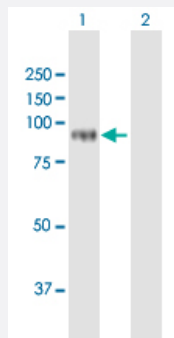
MaxPab®

POLH purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005429-B01P

Size 50 ug

Applications

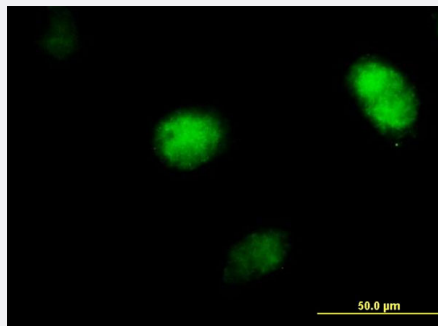


Western Blot (Transfected lysate)

Western Blot analysis of POLH expression in transfected 293T cell line ([H00005429-T01](#)) by POLH MaxPab polyclonal antibody.

Lane 1: POLH transfected lysate (78.43 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to POLH on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human POLH protein.

Immunogen

POLH (NP_006493.1, 1 a.a. ~ 713 a.a) full-length human protein.

Sequence	MATGQDRVVALVDMDCFFVQVEQRQNPHLRNKPCAVVQYKSWKGGGIIAVSYEARAFGVTRSM WADDAKKLCPDLLLAQVRESRGKANLTKYREASVEVMEIMSRFAVIERASIDEAYVDLTSAVQER LQKLQGGQPIADLLPSTYIEGLPQGPTTAEETVQKEGMRKQGLFQWLDLQIDNLTSPDLQLTVGA VVEEMRAAIERETGFQCSAGISHNKVLAKLACGLNKPNRQTLVSHGSVPQLFSQMPIRKIRSLGG KLGASVIEILGIEYMGELTQFTESQLQSHFGEKNGSWLYAMCRGIEHDPVKPRQLPKTIGCSKNFP GKTALATREQVQWWLLQLAQELEERLTKDRNDNDRVATQLVVSIRVQGDKRLSSLRRCALTRY DAHKMSHDAFTVIKNCNTSGIQTEWSPPLTMLFLCATKFSASAPSSSTDITSFLSSDPSSLPKVPV TSSEAKTQGSQPAVTATKKATTSLESFFQKAAERQKVKEASLSSLTAPTQAPMSNSPSKPSLPF QTSQSTGTEPFFKQKSLLLKQKQLNNSVSSPQQNPWSNCKALPNSLPTEYPGCVPVCEGVSK LEESSKATPAEMDLAHNSQSMHASSASKSVLEVTQKATPNPSLLAAEDQVPCEKCGSLVPVWD MPEHMDYHFALELQKSFLQPHSSNPQVVSAVSHQGKRNPKSPLACTNKRPRPEGMQTLESFFK PLTH
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — POLH

Entrez GeneID	5429
GeneBank Accession#	NM_006502.1
Protein Accession#	NP_006493.1
Gene Name	POLH

Gene Alias	FLJ16395, FLJ21978, RAD30, RAD30A, XP-V, XPV
Gene Description	polymerase (DNA directed), eta
Omim ID	278750 603968
Gene Ontology	Hyperlink
Gene Summary	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 XP V, a variant type of xeroderma pigmentosum. [provided by RefSeq]
Other Designations	OTTHUMP00000016478 OTTHUMP00000039868

Disease

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