

Product Data Sheet

Anti-XPV Antibody

Catalog #	Source	Reactivity	Applications
CQA2159	Rabbit	H, M	WB, IF/IC
Description	Rabbit polyclonal antibody to XPV		
Immunogen	Recombinant full length protein of human XPV		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of XPV protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)		
Gene Symbol	POLH		
Alternative Names	RAD30; RAD30A; XPV; DNA polymerase eta; RAD30 homolog A; Xeroderma pigmentosum variant type protein		
Entrez Gene	5429 (Human); 80905 (Mouse)		
SwissProt	Q9Y253 (Human); Q9JJN0 (Mouse)		
Storage/Stability	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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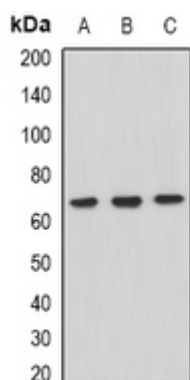
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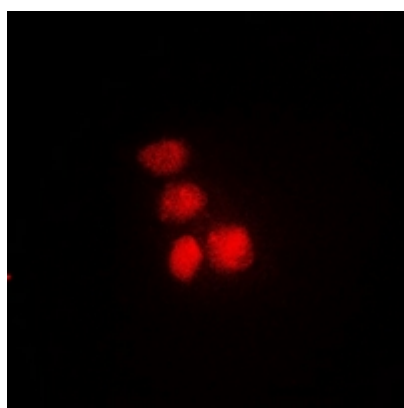
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Western blot analysis of XPV expression in HeLa (A), HepG2 (B), Raji (C) whole cell lysates. (Predicted band size: 46; 78 kD; Observed band size: 70 kD)



Immunofluorescent analysis of XPV staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 ° C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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