

Anti-XPA antibody (1-273) (STJ26126)

STJ26126

GENERAL INFORMATION

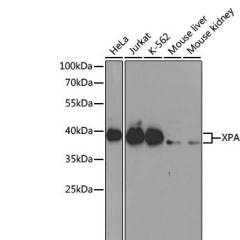
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

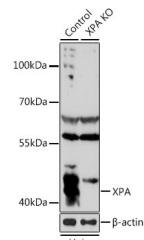
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IF/CC:1:50-1:100
	ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

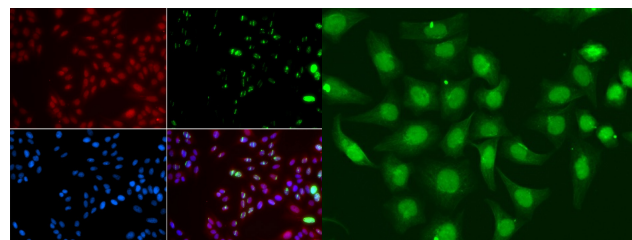
Gene ID	7507
Gene Symbol	XPA
Uniprot ID	XPA_HUMAN
Immunogen	
Immunogen Region	1-273
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-273 of human XPA (NP_000371.1).
Immunogen Sequence	MAAADGALPEAAALEQPAEL PASVRASIERKRQRALMLRQ ARLAARPYSATAAAATGGMA NVKAAPKIIDTGGGFILEEE EEEEQKIGKVVHQPGPVMF DYVICEECGKEFMSYLMNH FDLPTCDNCRDADDKHKLIT KTEAKQEYLLKDCDLEKREP PLKFIVKKNPHHSQWGMKML YLKLQIVKRSLEVWGSQEAL EEAKEVRQENREKMKQKKFD KKVVELRRAVRSSVWKRET



Western blot analysis of extracts of various cell lines, using XPA antibody (STJ26126) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Western blot analysis of extracts from normal (control) and XPA knockout (KO) HeLa cells, using XPA antibody (STJ26126) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s.



Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using XPA antibody (STJ26126). Green:GFP-RNF168 fusion protein expression for DNA damage marker. Blue: DAPI for nuclear staining. RNF168 (GFP) can be used to mark cells damaged by UV-A laser for they always gather around DNA damage region.

Immunofluorescence analysis of A549 cells using XPA antibody (STJ26126).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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