

Rabbit anti-Human, Mouse XPA Polyclonal Antibody | anti-XPA antibody

XPA Polyclonal Antibody

CATALOG # AAA36976	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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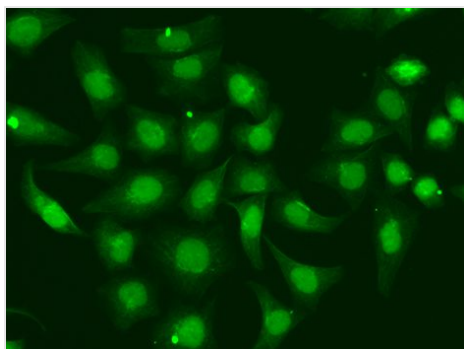
PRODUCT SYNONYMS

XPA; Polyclonal Antibody; XPA Polyclonal Antibody; XP1; XPAC; anti-XPA antibody

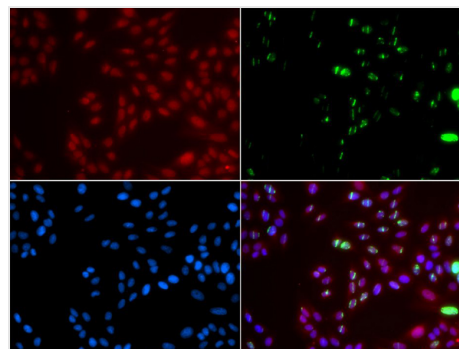
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	273
Applicable Applications for anti-XPA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human XPA
Calculated Molecular Weight	31kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

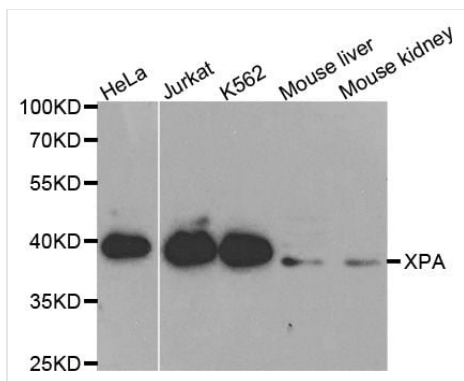
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using XPA antibody.


IF (Immunofluorescence)

Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using XPA antibody. 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.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-XPA antibody	This gene encodes a zinc finger protein involved in DNA excision repair. The encoded protein is part of the NER (nucleotide excision repair) complex which is responsible for repair of UV radiation-induced photoproducts and DNA adducts induced by chemical carcinogens. Mutations in this gene are associated with xeroderma pigmentosum complementation group A. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2009]
Product Categories/Family for anti-XPA antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	139816
NCBI GeneID	7507
UniProt Accession #	P23025; Q5T1U9; Q6LCW7; Q6LD02
Molecular Weight	273
NCBI Official Full Name	DNA repair protein complementing XP-A cells
NCBI Official Synonym Full Names	xeroderma pigmentosum, complementation group A
NCBI Official Symbol	XPA
NCBI Official Synonym Symbols	XP1; XPAC
NCBI Protein Information	DNA repair protein complementing XP-A cells; excision repair-controlling; xeroderma pigmentosum group A-complementing protein; mutant xeroderma pigmentosum complementation group A
UniProt Protein Name	DNA repair protein complementing XP-A cells
UniProt Gene Name	XPA
UniProt Synonym Gene Names	XPAC
UniProt Entry Name	XPA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/xpa-antibody-immunohistochemistry-western-blot-elisa/36976>