

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

XPA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302567	Rabbit	Human	Immunohistochemistry, Western Blot

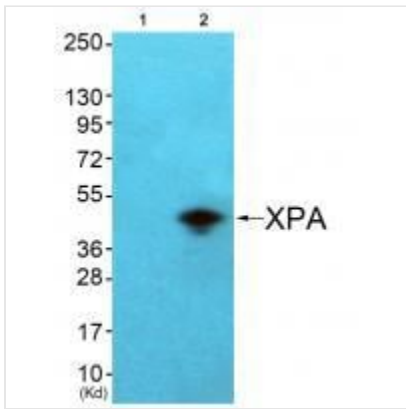
PRODUCT SYNONYMS

XPA; Polyclonal Antibody; XPA Antibody; DNA-repair protein complementing XP-A cells; XPAC; Xeroderma pigmentosum group A complementing protein; anti-XPA antibody

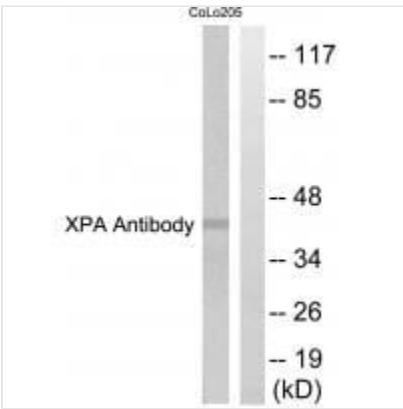
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total XPA protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	273
Applicable Applications for anti-XPA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human XPA.
Target Name	XPA
Preparation and Storage	Store at -20 degree C

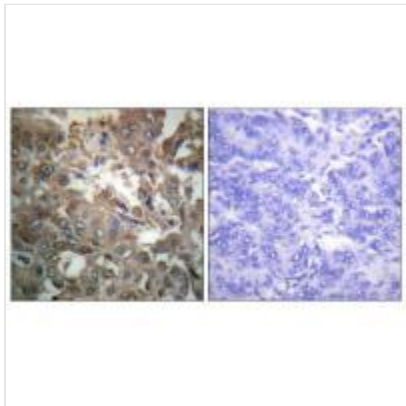
IMAGES



WB (Western Blot)
Western blot analysis of extracts from COS7 cells (Lane 2), using XPA antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from COLO205 cells, using XPA antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using XPA antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-XPA antibody	Involved in DNA excision repair. Initiates repair by binding to damaged sites with various affinities, depending on the photoproduct and the transcriptional state of the region. Required for UV-induced CHEK1 phosphorylation and the recruitment of CEP164 to cyclobutane pyrimidine dimers (CPD), sites of DNA damage after UV irradiation.Gary W. Daughdrill, Nucleic Acids Res., Jul 2003; 31: 4176 - 4183. Esther M. Hoogervorst, Carcinogenesis, Mar 2003; 24: 613 - 619. Karen M. Vasquez, PNAS, Apr 2002; 99: 5848.
Product Categories/Family for anti-XPA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507937
NCBI GeneID	7507
NCBI Accession #	NP_000371.1
NCBI GenBank Nucleotide #	NM_000380.3
UniProt Accession #	P23025; Q5T1U9; Q6LCW7; Q6LD02
Molecular Weight	31,368 Da
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
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/302567>