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## anti-XPA antibody (Center)





Publication



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Overview	
Quantity:	100 μL
Target:	XPA
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XPA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunocytochemistry (ICC)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human XPA. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to XPA (xeroderma pigmentosum, complementation group A)  XPA antibody
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	XPA
Alternative Name:	XPA (XPA Products)

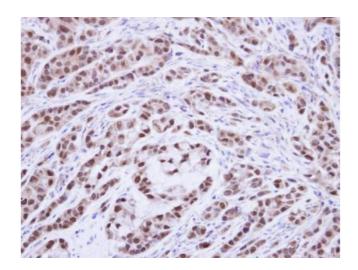
### **Target Details**

Background:	This gene encodes a zinc finger protein involved in DNA excision repair. The encoded protein is
	part of the NER (nucleotide excision repair) complext 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.
	Cellular Localization: Nucleus
Molecular Weight:	31 kDa
Gene ID:	7507
Pathways:	DNA Damage Repair
Application Details	
Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded
	sections) 1:100-1:1000* Immunoprecipitation 1:500-1:1000* Western blot 1:500-1:3000* Not
	tested in other applications. *Optimal dilutions/concentrations should be determined by the
	researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-
	embedded sections)1:100-1:1000* Immunoprecipitation1:500-1:1000* Western blot1:500-
	1:3000*
Comment:	Positive Control: A549
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
	which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw
	cycles.

Product cited in:

Yang, Chien, Lai, Su, Jan, Hsiao, Chen: "Monoamine Oxidase B Expression Correlates with a Poor Prognosis in Colorectal Cancer Patients and Is Significantly Associated with Epithelial-to-Mesenchymal Transition-Related Gene Signatures." in: **International journal of molecular sciences**, Vol. 21, Issue 8, (2020) (PubMed).

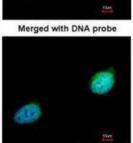
#### **Images**



#### Immunohistochemistry

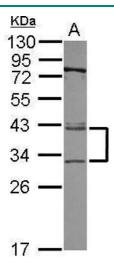
**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded A549 xenograft, using XPA, antibody at 1:500 dilution.





#### **Immunofluorescence**

**Image 2.** ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using XPA, antibody at 1:200 dilution.



#### **Western Blotting**

Image 3. WB Image Sample (30 ug of whole cell lysate) A: A549 12% SDS PAGE antibody diluted at 1:3000

Please check the product details page for more images. Overall 4 images are available for ABIN2855566.