

**XPA Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51614**

**Specification**

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**XPA Antibody - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">P23025</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40 KDa

**XPA Antibody - Additional Information**

**Gene ID** 7507

**Other Names**

DNA repair protein complementing XP-A cells, Xeroderma pigmentosum group A-complementing protein, XPA, XPAC

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**XPA Antibody - Protein Information**

**Name** XPA

**Synonyms** XPAC

**Function**

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.

**Cellular Location**

Nucleus

**Tissue Location**

Expressed in various cell lines and in skin fibroblasts.

**XPA Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **XPA Antibody - Images**

#### **XPA Antibody - Background**

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#### **XPA Antibody - References**

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Kalnina N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.  
Humphray S.J.,et al.Nature 429:369-374(2004).  
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Satokata I.,et al.Gene 136:345-348(1993).