

**XPA Polyclonal Antibody**  
**Catalog # AP73097****Specification**

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**XPA Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P23025</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

**XPA Polyclonal Antibody - Additional Information****Gene ID** 7507**Other Names**

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

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**XPA Polyclonal 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 dimmers (CPD), sites of DNA damage after UV irradiation.

**Cellular Location**

Nucleus

**Tissue Location**

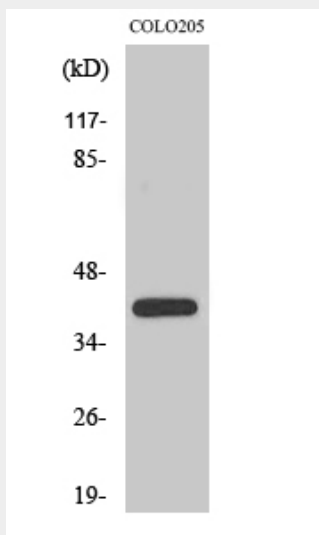
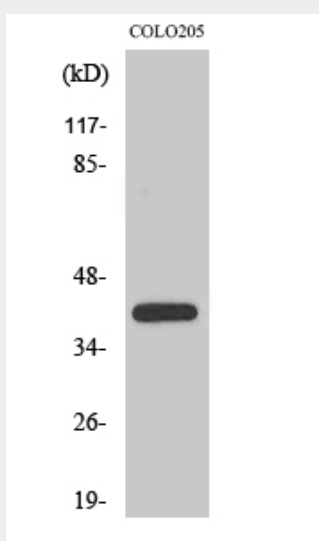
Expressed in various cell lines and in skin fibroblasts.

## XPA Polyclonal 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 Polyclonal Antibody - Images



## XPA Polyclonal Antibody - Background

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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.