

## XPA Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP09617
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human XPA. AA range:211-260
<b>Mol wt</b>	31368
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	XPA Antibody
<b>Synonyms</b>	XPA; XPAC; DNA repair protein complementing XP-A cells; Xeroderma pigmentosum group A-complementing protein

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

XPA encodes a zinc finger protein involved in DNA excision repair. The DNA repair protein complementing XP-A cells 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.

### Recommended Dilution

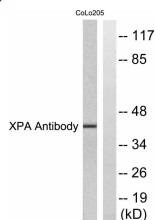
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

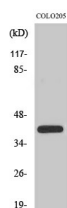
ELISA: 1: 10000

Not yet tested in other applications.

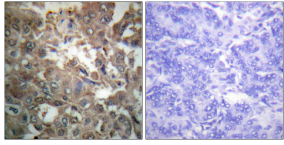
### Images



Western blot analysis of lysates from COLO205 cells, using XPA Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using XPA Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at 1:20000 cells nucleus.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using XPA Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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