

Datasheet: AHP452

Description:	RABBIT ANTI HUMAN XPA
Specificity:	XPA
Other names:	XERODERMA PIGMENTOSUM PROTEIN GROUP A
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

Product Details

RRID AB_322739

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			1/50
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/5000

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

(1) This product requires heat mediated treatment of paraffin sections. Bio-Rad recommend the use of antigen unmasking fluid for this purpose. A two hour incubation with AHP452 is recommended.

Target Species Human

Product Form Serum - liquid

Antiserum Preparation Antisera to human XPA were raised by repeated immunisation of rabbits with highly purified antigen.

Preservative Stabilisers 0.09% Sodium Azide

Immunogen Recombinant human XPA.

External Database Links

UniProt:
[P23025](#) [Related reagents](#)

Entrez Gene:[7507](#) XPA [Related reagents](#)

Synonyms	XPAC
-----------------	------

Specificity	<p>Rabbit anti Human XPA antibody recognizes the human DNA repair associated protein designated XPA (Xeroderma pigmentosum A).XPA is a zinc finger protein of ~31 kDa, although it demonstrates an electrophoretic mobility of a~40-42 kDa doublet. XPA is involved in the nucleotide excision repair process.</p> <p>Rabbit anti Human XPA antibody recognises both normal and recombinant XPA, and shows no cross reactivity with other XP proteins.</p>
--------------------	---

References	<ol style="list-style-type: none">1. Jones, C.J. & Wood, R.D. (1993) Preferential binding of the xeroderma pigmentosum group A complementing protein to damaged DNA. Biochemistry. 32 (45): 12096-104.2. Li, R.Y. <i>et al.</i> (1998) Interactions of the transcription/DNA repair factor TFIIH and XP repair proteins with DNA lesions in a cell-free repair assay. J Mol Biol. 281 (2): 211-8.3. Araújo, S.J. <i>et al.</i> (2001) Strong functional interactions of TFIIH with XPC and XPG in human DNA nucleotide excision repair, without a preassembled repairosome. Mol Cell Biol. 21 (7): 2281-91.
-------------------	---

Storage	<p>Store at +4°C for one month or at -20°C for longer.</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
----------------	--

Guarantee	18 months from date of despatch.
------------------	----------------------------------

Health And Safety Information	Material Safety Datasheet documentation #10081 available at: 10081: https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf
--------------------------------------	--

Regulatory	For research purposes only
-------------------	----------------------------

Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

