

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

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
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Immunogen	Recombinant human XPA.
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External Database Links

UniProt:

[P23025](http://www.uniprot.org/entry/P23025)

[Related reagents](#)

Entrez Gene:

Synonyms	XPAC
Specificity	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. Rabbit anti Human XPA antibody recognises both normal and recombinant XPA, and shows no cross reactivity with other XP proteins.
References	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	Store at +4°C for one month or at -20°C for longer. 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.
Shelf Life	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
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®549 , DyLight®649 , 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
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