

Datasheet: AHP1592

Description:	RABBIT ANTI HUMAN DNASE II (C-TERMINAL)
Specificity:	DNASE II (C-TERMINAL)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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
Immunohistology - Paraffin (1)	■			5ug/ml
Western Blotting	■			0.5 - 1.0ug/ml

Where this product 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 product for use in their own system using appropriate negative/positive controls.

(1) **This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

Target Species	Human
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human DNase II (CT) was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	A peptide corresponding to amino acids near the carboxy terminus of human DNase II precursor.

External Database Links

UniProt:

[Q8WZ79](#)

[Related reagents](#)

[O00115](#)

[Related reagents](#)

Entrez Gene:

[58511](#) DNASE2B [Related reagents](#)

[1777](#) DNASE2 [Related reagents](#)

Synonyms	DLAD, DNASE2A, DNL2
Specificity	Rabbit anti Human DNAase II antibody recognizes human DNase II, also known as Deoxyribonuclease II. DNAaseII is an enzyme involved in both the condensation of chromatin and the fragmentation of DNA. DNase II is ubiquitously expressed in human tissues.
Western Blotting	AHP1592 detects a band of approximately 40kDa in human tissue spleen cell lysates.
Further Reading	1. Zamzami, N. & Kroemer, G. (1999) Condensed matter in cell death. Nature. 401 (6749): 127-8. 2. Yasuda, T. <i>et al.</i> (1998) Molecular cloning of the cDNA encoding human deoxyribonuclease II. J Biol Chem. 273 (5): 2610-6. 3. Krieser, R.J. & Eastman, A. (1998) The cloning and expression of human deoxyribonuclease II. A possible role in apoptosis. J Biol Chem. 273 (47): 30909-14. 4. Shiokawa, D. & Tanuma, S. (1998) Cloning of cDNAs encoding porcine and human DNase II. Biochem Biophys Res Commun. 247 (3): 864-9.
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. 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 #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.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

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)
[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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