

Datasheet: VPA00285

BATCH NUMBER 160415

Description:	RABBIT ANTI NDUFS3
Specificity:	NDUFS3
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

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
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	KLH-conjugated synthetic peptide corresponding to aa 251-284 of human NDUFS3
External Database Links	<p>UniProt: O75489 Related reagents</p> <p>Entrez Gene: 4722 NDUFS3 Related reagents</p>
Specificity	<p>Rabbit anti Human NDUFS3 antibody recognizes NDUFS3 also known as CI-30kD, NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, NADH dehydrogenase-ubiquinone 30 kDa subunit, NADH-ubiquinone oxidoreductase 30 kDa subunit and complex I 30 kDa subunit.</p> <p>The NDUFS3 gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in NDUFS3 gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency (provided by RefSeq, Apr 2009).</p> <p>Rabbit anti Human NDUFS3 antibody detects a band of 26 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti NDUFS3 detects a band of approximately 26 kDa in HEK293 cell lysate
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Guarantee	12 months from date of despatch
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VPA00285 Antibody (10040)
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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
----------------------------------	---	------------------	---	---------------	---

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

'M374515:201111'

