

Datasheet: VPA00285

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	KLH-conjugated synthetic peptide corresponding to aa 251-284 of human NDUFS3
External Database Links	UniProt: O75489 Related reagents Entrez Gene: 4722 NDUFS3 Related reagents
Specificity	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.

The NDUF3 gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in NDUF3 gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency (provided by RefSeq, Apr 2009).

Rabbit anti Human NDUF3 antibody detects a band of 26 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti NDUF3 detects a band of approximately 26 kDa in HEK293 cell lysate
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Shelf Life	As supplied, 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: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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