

Datasheet for ABIN2856200
anti-NDUFS3 antibody (Center)

4 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	NDUFS3
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFS3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human NDUFS3. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to NDUFS3 (NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30 kDa (NADH-coenzyme Q reductase)) NDUFS3 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	NDUFS3
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Target Details

Alternative Name:	NDUFS3 (NDUFS3 Products)
Background:	<p>This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency.</p> <p>Cellular Localization: Mitochondrion inner membrane</p>
Molecular Weight:	30 kDa
Gene ID:	4722
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

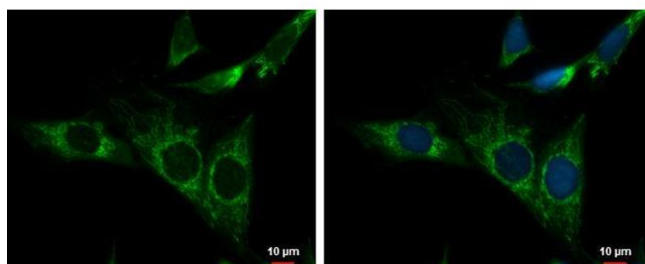
Application Notes:	<p>Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*</p>
Comment:	Positive Control: Jurkat , Raji , NCI-H929
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

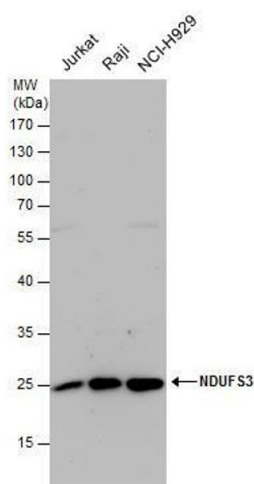
Product cited in: Salzman, Nakamura, Nallur, Dookwah, Metheetrairut, Slack, Weidhaas: "miR-34 activity is modulated through 5'-end phosphorylation in response to DNA damage." in: **Nature communications**, Vol. 7, pp. 10954, (2016) ([PubMed](#)).

Images



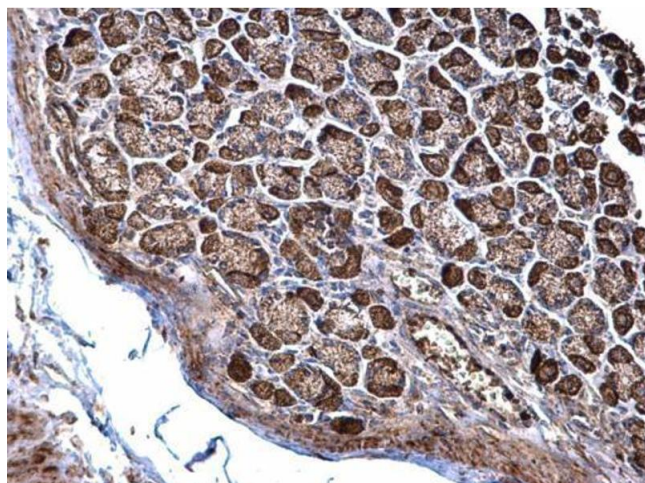
Immunofluorescence

Image 1. ICC/IF Image NDUFS3 antibody detects NDUFS3 protein at mitochondria by immunofluorescent analysis. Sample: SK-N-SH cells were fixed in 2% paraformaldehyde/culture medium at 37°C for 30 min. *Green: NDUFS3 protein stained by NDUFS3 antibody, diluted at 1:500. Blue: Hoechst 33342 staining.*



Western Blotting

Image 2. WB Image NDUFS3 antibody detects NDUFS3 protein by western blot analysis. Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with NDUFS3 antibody, diluted by 1:1000.



Immunohistochemistry

Image 3. IHC-P Image NDUFS3 antibody detects NDUFS3 protein at cytosol on mouse stomach by immunohistochemical analysis. Sample: Paraffin-embedded mouse stomach. NDUFS3 antibody, dilution: 1:500.

Images

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2856200.