

Datasheet for ABIN2855340
anti-NDUFV2 antibody (Center)



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5 Images

Overview

Quantity:	100 µL
Target:	NDUFV2
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFV2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human NDUFV2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Chimpanzee
Cross-Reactivity (Details):	Chimpanzee (100 %)
Characteristics:	Rabbit Polyclonal antibody to NDUFV2 (NADH dehydrogenase (ubiquinone) flavoprotein 2, 24 kDa) NDUFV2 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	NDUFV2
Alternative Name:	NDUFV2 (NDUFV2 Products)
Background:	<p>The NADH-ubiquinone oxidoreductase complex (complex I) of the mitochondrial respiratory chain catalyzes the transfer of electrons from NADH to ubiquinone, and consists of at least 43 subunits. The complex is located in the inner mitochondrial membrane. This gene encodes the 24 kDa subunit of complex I, and is involved in electron transfer. Mutations in this gene are implicated in Parkinson's disease, bipolar disorder, schizophrenia, and have been found in one case of early onset hypertrophic cardiomyopathy and encephalopathy. A non-transcribed pseudogene of this locus is found on chromosome 19.</p> <p>Cellular Localization: Mitochondrion inner membrane</p>
Molecular Weight:	27 kDa
Gene ID:	4729

Application Details

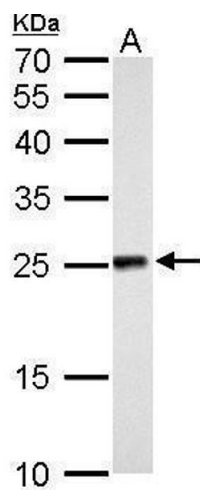
Application Notes:	<p>Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher. Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000*</p>
Comment:	Positive Control: A431 , mouse liver , rat liver
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.44 mg/mL
Buffer:	1XPBS, 10 % 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

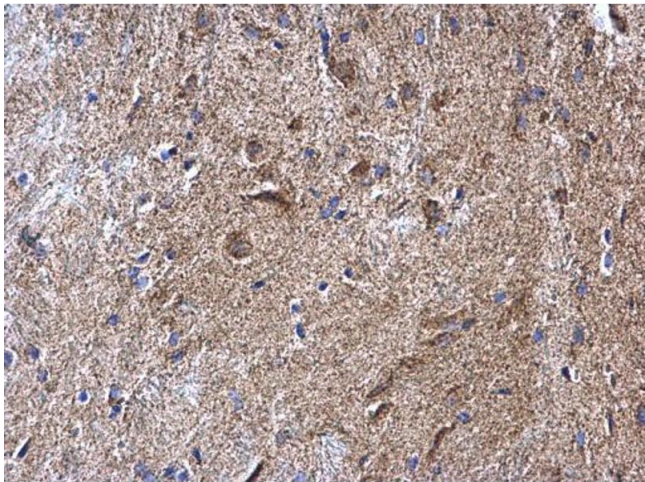
cycles.

Images



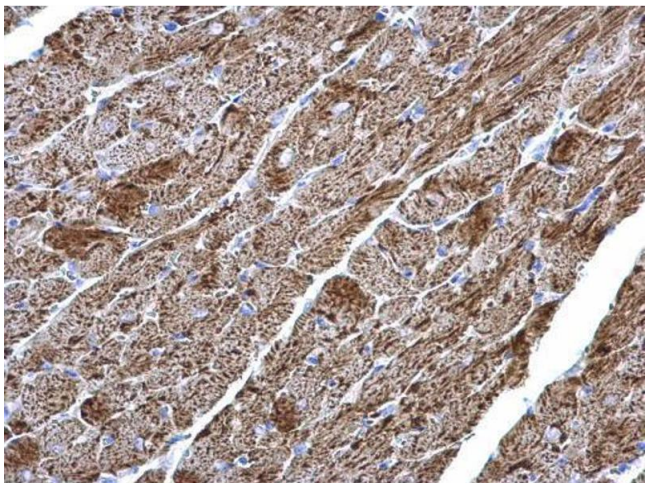
Western Blotting

Image 1. WB Image NDUFV2 antibody detects NDUFV2 protein by Western blot analysis. A. 50 µg rat liver lysate/extract 12 % SDS-PAGE NDUFV2 antibody , dilution: 1:500



Immunohistochemistry

Image 2. IHC-P Image NDUFV2 antibody detects NDUFV2 protein at mitochondria on mouse fore brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse fore brain. NDUFV2 antibody , diluted at 1:1000.



Immunohistochemistry

Image 3. IHC-P Image NDUFV2 antibody detects NDUFV2 protein at mitochondria on mouse heart by immunohistochemical analysis. Sample: Paraffin-embedded mouse heart. NDUFV2 antibody , diluted at 1:1000.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2855340.