

Datasheet for ABIN2856830  
**anti-NDUFB5 antibody (C-Term)**

## 6 Images

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## Overview

Quantity:	100 µL
Target:	NDUFB5
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFB5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human NDUFB5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rhesus Monkey, Chimpanzee, Cow (Bovine)
Cross-Reactivity (Details):	Rhesus Monkey (100 %), Chimpanzee (100 %), Bovine (100 %)
Characteristics:	Rabbit Polyclonal antibody to NDUFB5 (NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5, 16 kDa) NDUFB5 antibody
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	NDUFB5
Alternative Name:	NDUFB5 ( <a href="#">NDUFB5 Products</a> )
Background:	<p>The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.</p> <p>Cellular Localization: Mitochondrion inner membrane, Single-pass membrane protein, Matrix side</p>
Molecular Weight:	22 kDa
Gene ID:	4711

## Application Details

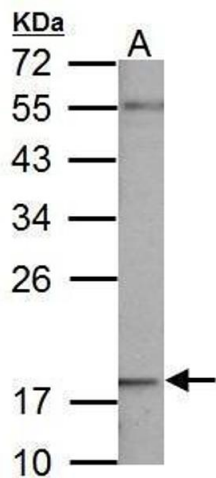
Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: 293T , mouse brain
Restrictions:	For Research Use only

## Handling

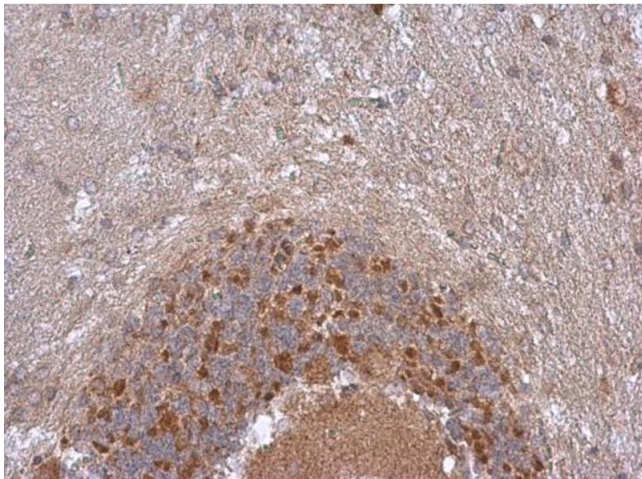
Format:	Liquid
Concentration:	0.44 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be 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 NDUF5 antibody detects NDUF5 protein by Western blot analysis. A. 50 µg mouse brain lysate/extract 12 % SDS-PAGE NDUF5 antibody , dilution: 1:1000

**Immunohistochemistry**

**Image 2.** IHC-P Image NDUF5 antibody detects NDUF5 protein at cytoplasm in rat brain by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. NDUF5 antibody , diluted at 1:500.

**Immunohistochemistry**

**Image 3.** IHC-P Image NDUF6 antibody detects NDUF6 protein at cytoplasm in rat muscle by immunohistochemical analysis. Sample: Paraffin-embedded rat muscle. NDUF6 antibody , diluted at 1:500.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2856830.