



[Go to Product page](#)

Datasheet for ABIN953635
anti-NDUFC2 antibody (C-Term)

2 Images

Overview

Quantity:	0.4 mL
Target:	NDUFC2
Binding Specificity:	AA 93-123, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 93-123 amino acids from the C-terminal region of human NDUFC2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human NDUFC2 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	NDUFC2
Alternative Name:	NDUFC2 (NDUFC2 Products)

Target Details

Background: Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Synonyms: Complex I-B14.5b, HLC1, Human lung cancer oncogene 1 protein, NADH dehydrogenase [ubiquinone] 1 subunit C2, NADH-ubiquinone oxidoreductase subunit B14.5b

Molecular Weight: 14188 Da

Gene ID: 4718

NCBI Accession: [NP_004540](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

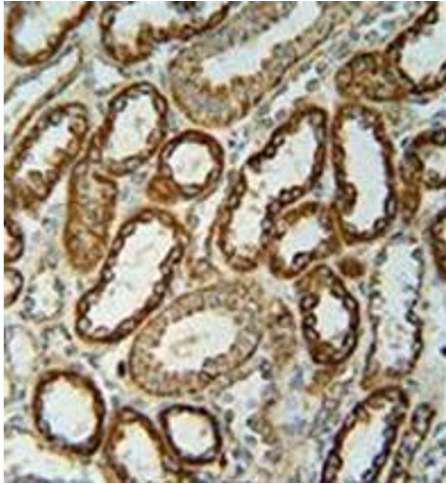
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

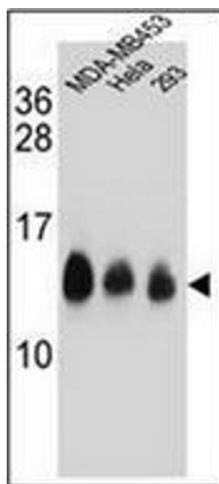
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue reacted with NDUFC2 Antibody (C-term) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of the NDUFC2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of NDUFC2 Antibody (C-term) in MDA-MB453, HeLa, 293 cell line lysates (35ug/lane). This demonstrates the NDUFC2 antibody detected the NDUFC2 protein (arrow).