

## Product datasheet for **AP52843PU-N**

### NDUFC2 (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 93-123 amino acids from the C-terminal region of human NDUFC2
Specificity:	This antibody recognizes Human NDUFC2 (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	NADH:ubiquinone oxidoreductase subunit C2
Database Link:	<a href="#">Entrez Gene 4718 Human O95298</a>
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.



[View online »](#)

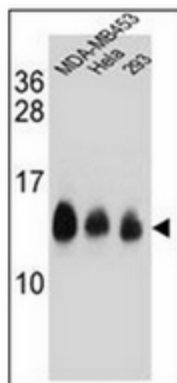
**Synonyms:** Complex I-B14.5b, HLC1

**Note:** **Molecular Weight:** 14188 Da

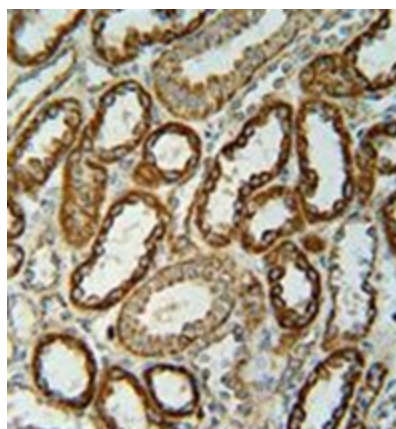
**Protein Families:** Transmembrane

**Protein Pathways:** Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

### Product images:



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).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue reacted with NDUFC2 Antibody (C-term), 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.