



[Go to Product page](#)

Datasheet for ABIN953631  
**anti-NDUFAF4 antibody (N-Term)**

2 Images

Overview

Quantity:	0.4 mL
Target:	NDUFAF4
Binding Specificity:	AA 32-61, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFAF4 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 32-61 amino acids from the N-terminal region of Human NDUFAF4
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human NDUFAF4 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	NDUFAF4
Alternative Name:	NDUFAF4 ( <a href="#">NDUFAF4 Products</a> )

## Target Details

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**Background:** NADH:ubiquinone oxidoreductase (complex I) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. This gene encodes a complex I assembly factor. Mutations in this gene are a cause of mitochondrial complex I deficiency. [provided by RefSeq].Synonyms: C6orf66, HRPAP20, HSPC125, Hormone-regulated proliferation-associated protein of 20 kDa, My013, NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4

**Molecular Weight:** 20266 Da

**Gene ID:** 29078

**NCBI Accession:** [NP\\_054884](#)

## Application Details

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

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 0.25 mg/mL

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

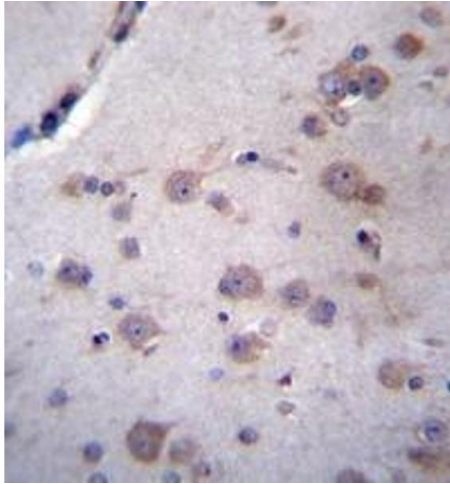
**Preservative:** Sodium azide

**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.

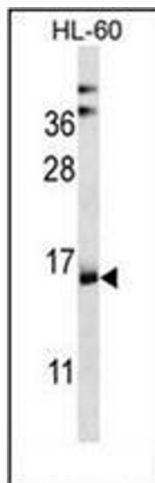
**Storage:** 4 °C/-20 °C

**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 brain tissue reacted with NDUFAF4 Antibody (N-term) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of NDUFAF4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** Western blot analysis of NDUFAF4 Antibody (N-term) in HL-60 cell line lysates (35ug/lane). This demonstrates the NDUFAF4 antibody detected the NDUFAF4 protein (arrow).