

Datasheet for ABIN953627
anti-NDUFAF3 antibody (N-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	NDUFAF3
Binding Specificity:	AA 12-40, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFAF3 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 12-40 amino acids from the N-terminal region of human NDUF3
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse NDUF3 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	NDUFAF3
Abstract:	NDUFAF3 Products

Target Details

Background: This gene encodes a mitochondrial complex I assembly protein that interacts with complex I subunits. Mutations in this gene cause mitochondrial complex I deficiency, a fatal neonatal disorder of the oxidative phosphorylation system. Alternatively spliced transcript variants encoding different isoforms have been identified. Synonyms: C3orf60, NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3, NDUFAF3

Molecular Weight: 20350 Da

Gene ID: 25915

NCBI Accession: [NP_951032](#)

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

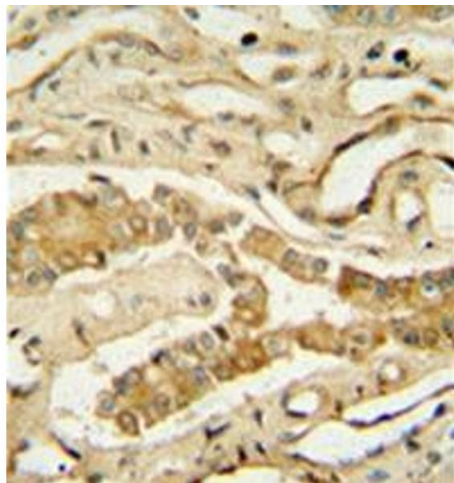
Preservative: Sodium azide

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.

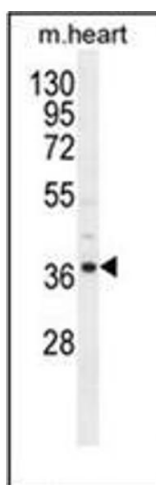
Storage: 4 °C/-20 °C

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 lung tissue reacted with NDUF3 Antibody (N-term) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of the NDUF3 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of NDUF3 Antibody (N-term) in mouse heart tissue lysates (35ug/lane). This demonstrates the NDUF3 antibody detected the NDUF3 protein (arrow).