

Product datasheet for **AP52836PU-N**

NDUF3 (NDUFAF3) (N-term) Rabbit Polyclonal Antibody

Product data:

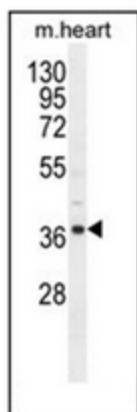
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 1/1000. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human NDUF3
Specificity:	This antibody recognizes Human and Mouse NDUF3 (N-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 complex assembly factor 3
Database Link:	Entrez Gene 25915 Human Q9BU61
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:	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3,NDUFAF3,C3orf60



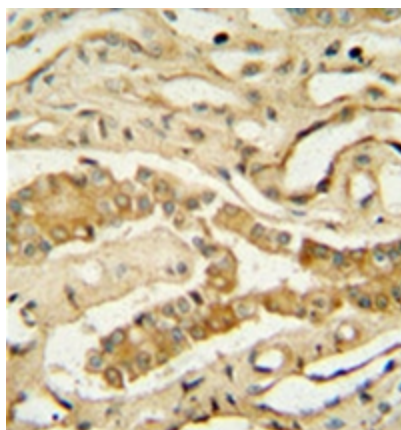
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Note: **Molecular Weight:** 20350 Da

Product images:



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).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue reacted with NDUF3 Antibody (N-term), 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.