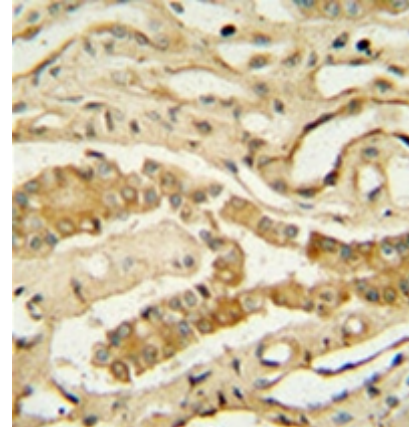


**AP52836PU-N****Polyclonal Antibody to NDUF3 (N-term) - Aff - Purified**

<b>Alternate names:</b>	C3orf60, NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3, NDUF3
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	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.
<b>Uniprot ID:</b>	<a href="#">Q9BU61</a>
<b>NCBI:</b>	<a href="#">NP_951032</a>
<b>GeneID:</b>	<a href="#">25915</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human NDUF3
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Protein A column, followed by peptide affinity purification <b>Buffer System:</b> PBS containing 0.09% (W/V) Sodium Azide as preservative
<b>Applications:</b>	<b>Western Blot:</b> 1/1000. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes Human and Mouse NDUF3 (N-term).
<b>Add. Information:</b>	<b>Molecular Weight:</b> 20350 Da
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Saada, A., et al. Am. J. Hum. Genet. 84(6):718-727(2009) Hammami-Hamza, S., et al. Int. J. Dev. Biol. 47(1):71-76(2003) Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000)

**Pictures:**

Immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue reacted with NDUF3 Antibody (N-term) Cat.-No AP52836PU-N, 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 blot analysis of NDUF3 Antibody (N-term) Cat.-No AP52836PU-N in mouse heart tissue lysates (35ug/lane). This demonstrates the NDUF3 antibody detected the NDUF3 protein (arrow).

