

NDUF3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10989a

Product Information

Application	IHC-P, WB, E
Primary Accession	Q9BU61
Other Accession	NP_951032.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB25217
Calculated MW	20350
Antigen Region	12-40

Additional Information

Gene ID	25915
Other Names	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3, NDUFAF3, C3orf60
Target/Specificity	This NDUF3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human NDUF3.
Dilution	IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NDUF3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NDUFAF3
Synonyms	C3orf60

Function Essential factor for the assembly of mitochondrial NADH:ubiquinone oxidoreductase complex (complex I).

Cellular Location Nucleus. Mitochondrion inner membrane

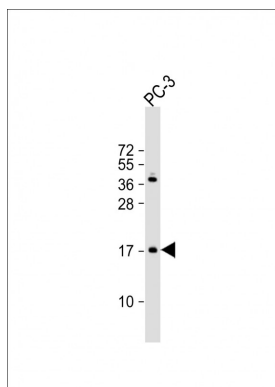
Background

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.

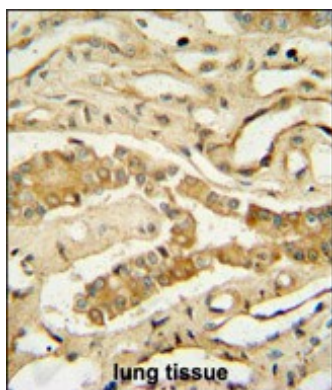
References

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)

Images



Anti-NDUF3 Antibody (N-term) at 1:1000 dilution + PC-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 20 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



NDUF3 antibody (N-term) (Cat. #AP10989a) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NDUF3 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.