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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

NDUFA1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00004694-D01P

規格 : [100 ug]

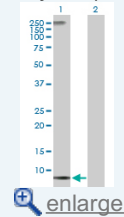
[List All](#)

Specification

Product Description:	Rabbit polyclonal antibody raised against a full-length human NDUFA1 protein.
Immunogen:	NDUFA1 (AAH00266.1, 1 a.a. ~ 70 a.a) full-length human protein.
Sequence:	MWFEILPGLSVMGVCLLIPGLATAYIHRFTNGGKEKRVAHFGYHWSLME RDRRISGVDRYYVSKGLENID
Host:	Rabbit
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	Download
Datasheet:	Download

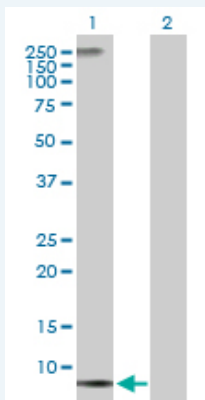
Application Image

Western Blot (Transfected lysate)



Applications

Western Blot (Transfected lysate)



Western Blot analysis of NDUFA1 expression in transfected 293T cell line ([H00004694-T02](#)) by NDUFA1 MaxPab polyclonal antibody.

Lane 1: NDUFA1 transfected lysate(8.10 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Information

Entrez GeneID: [4694](#)

**GeneBank
Accession#:** [NM_004541.2](#)

**Protein
Accession#:** [AAH00266.1](#)

Gene Name: NDUFA1

Gene Alias: CI-MWFE,MWFE,ZNF183

**Gene
Description:** NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1, 7.5kDa

Omim ID: [252010](#), [300078](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The human NDUFA1 gene codes for an essential component of complex I of the respiratory chain, which transfers electrons from NADH to ubiquinone. It has been noted that the N-terminal hydrophobic domain has the potential to be folded into an alpha-helix spanning the inner mitochondrial membrane with a C-terminal hydrophilic domain interacting with globular subunits of complex I. The highly conserved two-domain structure suggests that this feature is critical for the protein function and might act as an anchor for the NADH:ubiquinone oxidoreductase complex at the inner mitochondrial membrane. However, the NDUFA1 peptide is one of about 31 components of the "hydrophobic protein" (HP) fraction of complex I which is involved in proton translocation. Thus the NDUFA1 peptide may also participate in that function. [provided by RefSeq]

**Other
Designations:** NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1,NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1 (7.5kD, MWFE),NADH oxidoreductase subunit MWFE,NADH:ubiquinone oxidoreductase (complex 1),OTTHUMP00000023930,type I dehydrogenase

Gene Pathway

[Alzheimer's disease](#) [Huntington's disease](#) [Metabolic pathways](#) [Oxidative phosphorylation](#)
[Parkinson's disease](#)