

Product datasheet

Anti-Ndufs1 antibody ab89768

画像数 2

製品の概要

製品名	Anti-Ndufs1 antibody
製品の詳細	Mouse polyclonal to Ndufs1
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Full length Human Ndufs1 (NP_004997.4)
ポジティブ・コントロール	Human spleen tissue lysate, Ndufs1 transfected 293T cell lysate.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None Constituents: 1X PBS, pH 7.2
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab89768** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 79 kDa.

ターゲット情報

機能	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex
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l) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone (By similarity). This is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. It may form part of the active site crevice where NADH is oxidized.

関連疾患

Defects in *NDUFS1* are a cause of mitochondrial complex I deficiency (MT-C1D) [MIM:252010]. A disorder of the mitochondrial respiratory chain that causes a wide range of clinical disorders, from lethal neonatal disease to adult-onset neurodegenerative disorders. Phenotypes include macrocephaly with progressive leukodystrophy, non-specific encephalopathy, cardiomyopathy, myopathy, liver disease, Leigh syndrome, Leber hereditary optic neuropathy, and some forms of Parkinson disease.

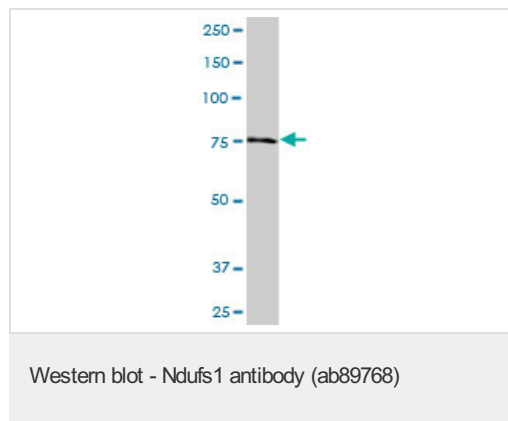
配列類似性

Belongs to the complex I 75 kDa subunit family.
Contains 1 2Fe-2S ferredoxin-type domain.

細胞内局在

Mitochondrion inner membrane.

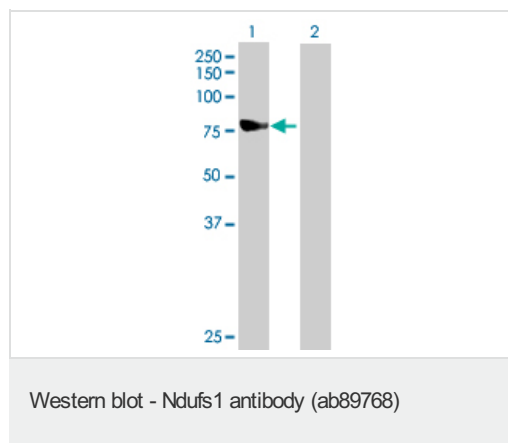
画像



Anti-Ndufs1 antibody (ab89768) at 1 μ g/ml +
human spleen tissue lysate at 50 μ g

Predicted band size : 79 kDa

Observed band size : 79 kDa



All lanes : Anti-Ndufs1 antibody (ab89768) at
1 μ g/ml

Lane 1 : Ndufs1 transfected lysate

Lane 2 : Non-transfected lysate

Lysates/proteins at 25 μ g per lane.

Predicted band size : 79 kDa

Observed band size : 79 kDa

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