abcam

Product datasheet

Anti-NDUFA1 antibody ab131423

2 References   両像数 2

医薬用外劇物

製品の概要

製品名	Anti-NDUFA1 antibody
製品の詳細	Rabbit polyclonal to NDUFA1
由来種	Rabbit
アプリケーション	**適用あり:** WB, IHC-P
種交差性	**交差種:** Rat, Human
免疫原	Synthetic peptide corresponding to a sequence at the C terminal of Human NDUFA1, different from the related rat and mouse sequences by one amino acid.
特記事項	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
	If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.1% Dibasic monohydrogen sodium phosphate, 0.45% Sodium chloride
精製度	Immunogen affinity 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

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.1 - 0.5 µg/ml. Predicted molecular weight: 8 kDa.
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

ターゲット情報

機能	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in 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.
組織特異性	Primarily expressed in heart and skeletal muscle.
関連疾患	Defects in NDUFA1 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 NDUFA1 subunit family.
細胞内局在	Mitochondrion inner membrane.

画像

Western blot - Anti-NDUFA1 antibody (ab131423)
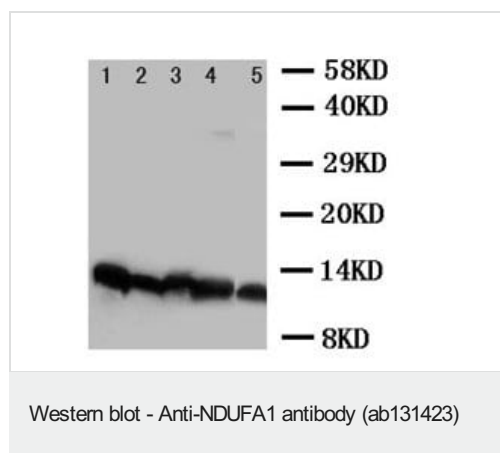
All lanes : Anti-NDUFA1 antibody (ab131423) at 0.5 µg/ml

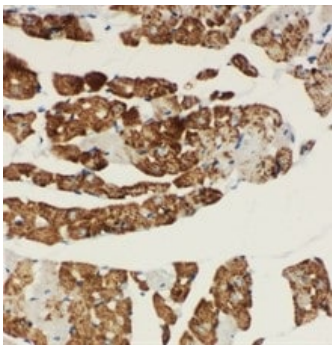**Lane 1 :** Rat Heart tissue lysate

Lane 2 : Rat Brain tissue lysate

Lane 3 : Rat Liver tissue lysate

Lane 4 : Rat Kidney tissue lysate

Lane 5 : HT1080 Cell Lysate

Predicted band size: 8 kDa

Immunohistochemical analysis of paraffin-embedded Rat Cardiac Muscle Tissue labelling NDUFA1 with ab131423 at 1µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NDUFA1 antibody (ab131423)

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