Datasheet for ABIN2789101

anti-NDUFB7 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	NDUFB7
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFB7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	PTFPPDYGFP ERKEREMVAT QQEMMDAQLR LQLRDYCAHH LIRLLKCKRD
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 93%, Human: 100%, Mouse: 93%, Rat: 86%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against NDUFB7. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NDUFB7
Alternative Name:	NDUFB7 (NDUFB7 Products)
Background:	The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It is

Target Details

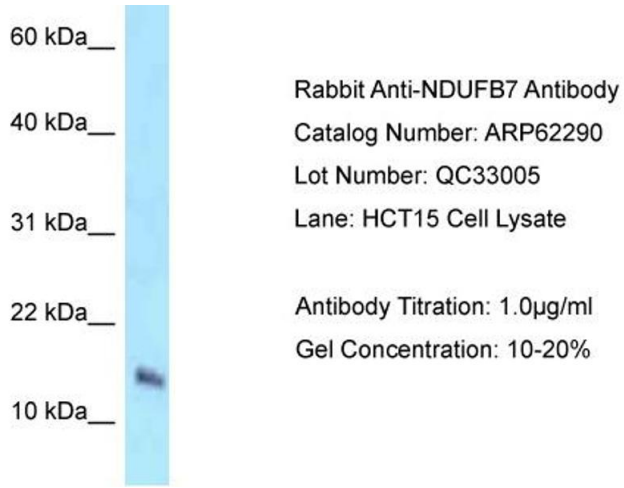
	located at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Alias Symbols: B18, CI-B18, MGC2480 Protein Interaction Partner: UBC, CAPN1, MLKL, CKAP4, MAK, TOMM7, UQCRQ, ZMPSTE24, LAMTOR3, NDUFB10, NDUFA2, MPV17, ICT1, HSPA1L, CD55, Protein Size: 137
Molecular Weight:	15 kDa
Gene ID:	4713
NCBI Accession:	NM_004146, NP_004137
UniProt:	P17568

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 137 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.