

Datasheet for ABIN2791134
anti-NDUFA12 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	NDUFA12
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Saccharomyces cerevisiae, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFA12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human NDUFA12
Sequence:	VLKRGLQQIT GHGGLRGYLR VFFRTNDAKV GTLVGEDKYG NKYYEDNKQF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Sheep: 100%, Yeast: 91%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against NDUFA12. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NDUFA12
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Target Details

Alternative Name:	NDUFA12 (NDUFA12 Products)
Background:	<p>This gene encodes a protein which is part of mitochondrial complex 1, part of the oxidative phosphorylation system in mitochondria. Complex 1 transfers electrons to ubiquinone from NADH which establishes a proton gradient for the generation of ATP. Mutations in this gene are associated with Leigh syndrome due to mitochondrial complex 1 deficiency. Pseudogenes of this gene are located on chromosomes 5 and 13. Alternative splicing results in multiple transcript variants.</p> <p>Alias Symbols: B17.2, DAP13</p> <p>Protein Interaction Partner: UBC, MMGT1, TOMM22, MRPL15, ERLIN1, ATP5H, SURF1, NDUFS4, NDUFS1, NDUFB9, NDUFA9, NDUFA2, MPV17, CYC1, COX15, ATP5C1, ATP5B, ABCD1, ZNF768,</p> <p>Protein Size: 145</p>
Molecular Weight:	15 kDa
Gene ID:	55967
NCBI Accession:	NM_018838 , NP_061326
UniProt:	Q9UI09

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 145 AA
Restrictions:	For Research Use only

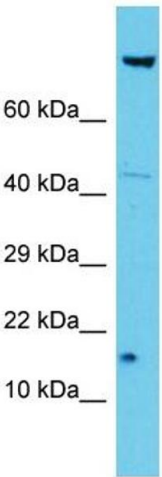
Handling

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.

Handling

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.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: NDUFA12 Sample Type: Jurkat Whole Cell lysates Antibody Dilution: 1.0ug/ml