

Datasheet for ABIN2790563
anti-NDUFB4 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	NDUFB4
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFB4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human NDUFB4
Sequence:	ARTINVYPNF RPTPKNSLMG ALCGFGPLIF IYYIIKTERD RKEKLIQEGK
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Mouse: 86%, Pig: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against NDUFB4. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NDUFB4
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Target Details

Alternative Name:	NDUFB4 (NDUFB4 Products)
Background:	<p>This gene encodes a non-catalytic subunit of the multisubunit NADH:ubiquinone oxidoreductase, the first enzyme complex in the mitochondrial electron transport chain (complex I). Mammalian complex I is composed of 45 different subunits and transfers electrons from NADH to ubiquinone.</p> <p>Alias Symbols: B15, CI-B15, MGC5105</p> <p>Protein Interaction Partner: UBC, MARC1, MYL12A, TOMM20, LAMTOR3, NDUFV2, NDUFS6, MPV17, M6PR, ABCD1, TCF3, MME,</p> <p>Protein Size: 129</p>
Molecular Weight:	14 kDa
Gene ID:	4710
NCBI Accession:	NM_004547 , NP_004538
UniProt:	O95168

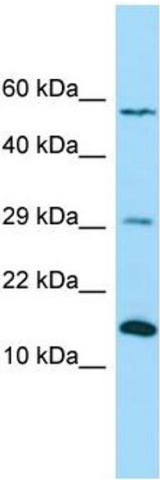
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 129 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. WB Suggested Anti-NDUFB4 Antibody Titration:
1.0 ug/ml Positive Control: Fetal Lung