

Datasheet for ABIN6144476
anti-NDUFB4 antibody (AA 1-90)



[Go to Product page](#)

7 Images

Overview

Quantity:	100 µL
Target:	NDUFB4
Binding Specificity:	AA 1-90
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFB4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-90 of human NDUFB4 (NP_001161803.1).
Sequence:	MSFPKYKPSS LRTLPELDP AEYNISPETR RAQAERLAIR AQLKREYLLQ YNDPNRRGLI ENPALLRWAY ARTINVYPNF RPTPKNSLMG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	NDUFB4
---------	--------

Target Details

Alternative Name: [NDUFB4 \(NDUFB4 Products\)](#)

Background: 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.,NDUFB4,B15,C1-B15,Cancer,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Oxidative phosphorylation,Neuroscience,Neurodegenerative Diseases,NDUFB4

Molecular Weight: 14 kDa/15 kDa

Gene ID: 4710

UniProt: [O95168](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

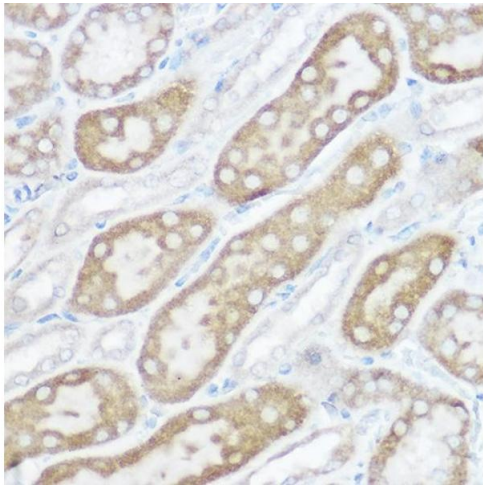
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

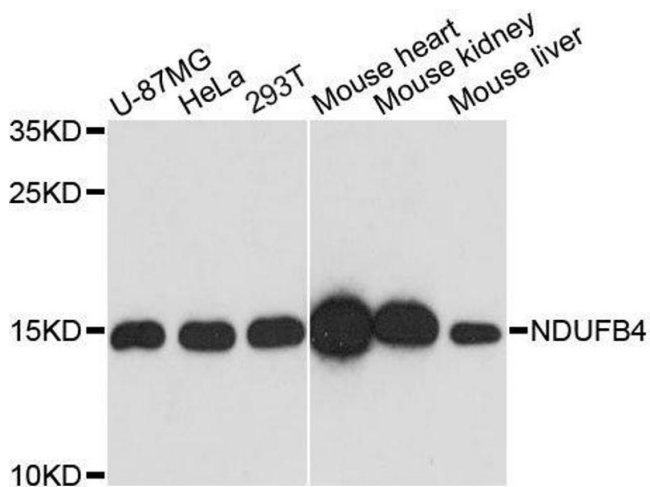
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



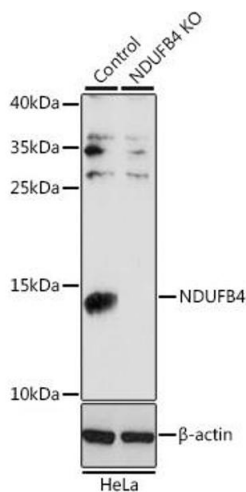
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat kidney using [KO Validated] NDUFB4 Rabbit pAb (ABIN6133349, ABIN6144476, ABIN6144477 and ABIN7101430) at dilution of 1:150 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NDUFB4 antibody.



Western Blotting

Image 3. Western blot analysis of extracts from normal (control) and NDUFB4 knockout (KO) HeLa cells, using NDUFB4 antibody (ABIN6133349, ABIN6144476, ABIN6144477 and ABIN7101430) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN6144476.