

## Anti-NDUFB11 antibody

<b>Cat. No.</b>	ml223630
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-NDUFB11 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Full length fusion protein
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	1 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	NDUFB11
<b>Full name</b>	NADH:ubiquinone oxidoreductase subunit B11
<b>Synonyms</b>	ESSS; Np15; P17.3; NP17.3; CI-ESSS; LSDMCA3
<b>Swissprot</b>	Q9NX14

### Target Background

Complex 1 (also known as NADH dehydrogenase) of the electron transport chain (respiratory chain) is an enzymatic complex that catalyzes the transfer of electrons from NADH to ubiquinone. Free energy from the reaction is conserved in the transfer of protons into the intermembrane space to create an electrochemical proton gradient, a driving force for ATP synthesis. Complex 1 is a complicated, multi-protein, L-shaped complex composed of at least 45 different subunits and located in the mitochondrial inner membrane. NDUFB11 (NADH dehydrogenase (ubiquinone) 1 beta subcomplex subunit 11), also known as ESSS, Np15, Np17.3 (neuronal protein 17.3) or p17.3, is a hydrophobic transmembrane protein belonging to the Complex I NDUFB11 subunit family. Ubiquitously expressed, NDUFB11 localizes to the inner membrane of the mitochondrion and functions as an accessory subunit of Complex I. The cAMP-dependent phosphorylation of NDUFB11 is important for the regulation of Complex I activity.

订购热线: 4008-898-798

## Applications

### Western blotting

Predicted band size: 17 kDa

Positive control: HeLa, HEPG2, A431, K562 and 231 cell, Mouse liver tissue and Mouse brain tissue lysates

Recommended dilution: 1000-5000

Gel: 12% SDS-PAGE

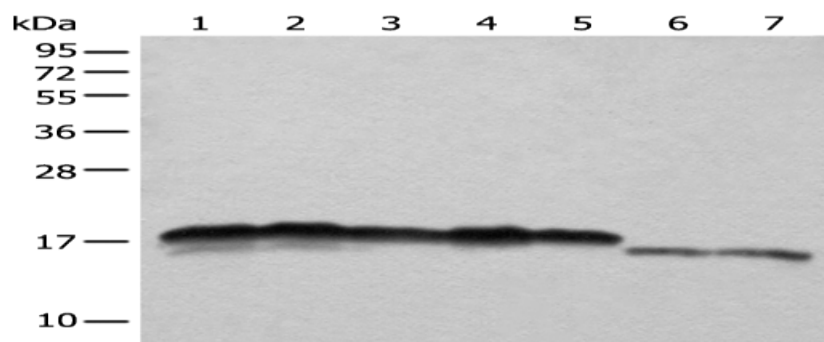
Lysate: 40 µg

Lane 1-7: HeLa, HEPG2, A431, K562 and 231 cell, Mouse liver tissue and Mouse brain tissue lysates

Primary antibody: ml223630(NDUFB11 Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



### ELISA

Recommended dilution: 5000-10000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: [mlbio\\_cn@yeah.net](mailto:mlbio_cn@yeah.net)

网址: [www.mlbio.cn](http://www.mlbio.cn)

**mlbio** 酶联生物  
Good elisakit producers  
订购热线: 4008-898-798