

Datasheet for ABIN7245761  
**anti-NDUFB11 antibody**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	NDUFB11
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NDUFB11 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Full length fusion protein
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

## Target Details

Target:	NDUFB11
Alternative Name:	NDUFB11 ( <a href="#">NDUFB11 Products</a> )
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

## Target Details

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.

Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 17 kDa
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UniProt:	<a href="#">Q9NX14</a>
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## Application Details

Application Notes:	WB 1:1000-1:5000, ELISA 1:5000-1:10000
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	1 mg/mL
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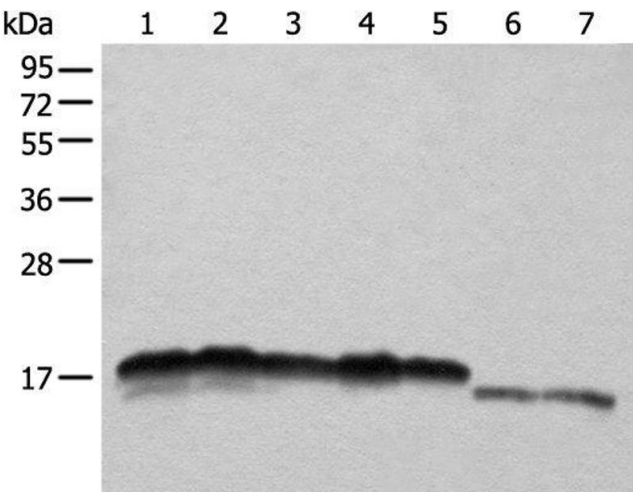
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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Western Blotting

**Image 1.** Western blot analysis of Hela HEPG2 A431 K562 and 231 cell Mouse liver tissue and Mouse brain tissue lysates using NDUFB11 Polyclonal Antibody at dilution of 1:1000