

Anti-NDUFA3 antibody

Cat. No.	ml222744
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-NDUFA3 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Fusion protein of human NDUFA3
Reactivity	Human, Mouse
Content	0.1 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	NDUFA3
Full name	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3, 9kDa
Synonyms	B9; CI-B9
Swissprot	O95167

Target Background

NDUFA3 (NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3), also known as B9, is one of about 45 subunits comprising Complex I of the oxidative phosphorylation electron transport chain. Consisting of 84 amino acids and belonging to the Complex I NDUFA3 subunit family, NDUFA3 functions as an accessory subunit of the multi-protein mitochondrial membrane respiratory chain NADH dehydrogenase complex (known as Complex I). Complex I plays an important role in the transfer of electrons from NADH to the respiratory chain, a process that is essential for cellular respiration.

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Applications

Western blotting

Predicted band size: 9 kDa

Positive control: Mouse heart and brain tissue

Recommended dilution: 200-1000

Gel: 10%SDS-PAGE

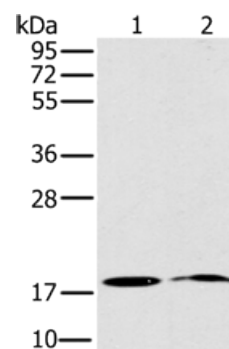
Lysate: 40 µg

Lane 1-2: Mouse heart tissue, Mouse brain tissue

Primary antibody: ml222744(NDUFA3 Antibody) at dilution 1/200

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

Exposure time: 40 seconds



ELISA

Recommended dilution: 1000-2000

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