

NDUFA12 Polyclonal Antibody

Catalog No. E-AB-18397

Note: Centrifuge before opening to ensure complete recovery of vial contents.

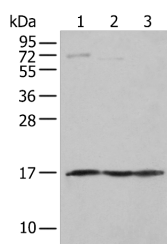
Description

Reactivity	Human, Mouse
Immunogen	Full length fusion protein
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

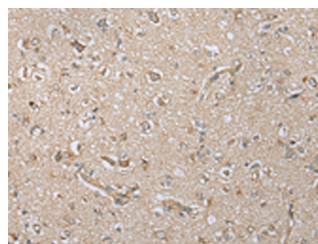
Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:25-1:100

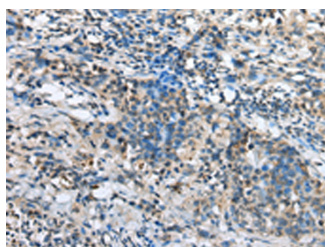
Data



Western blot analysis of Human fetal muscle tissue
PC-3 and Jurkat cell using NDUFA12 Polyclonal
Antibody at dilution of 1:300
Observed Mw: Refer to figures
Calculated Mw: 17 kDa



Immunohistochemistry of paraffin-embedded
Human brain tissue using NDUFA12 Polyclonal
Antibody at dilution of 1:30 (×200)



Immunohistochemistry of paraffin-embedded
Human lung cancer tissue using NDUFA12
Polyclonal Antibody at dilution of 1:30 (×200)

Preparation & Storage

For Research Use Only

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

Background

This gene encodes a protein which is part of mitochondrial complex 1, part of the oxidative phosphorylation system in mitochondria. Complex 1 transfers electrons to ubiquinone from NADH which establishes a proton gradient for the generation of ATP. Mutations in this gene are associated with Leigh syndrome due to mitochondrial complex 1 deficiency. Pseudogenes of this gene are located on chromosomes 5 and 13. Alternative splicing results in multiple transcript variants.

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