(KO Validated) NDUFB4 Polyclonal Antibody

catalog number: **E-AB-64835**

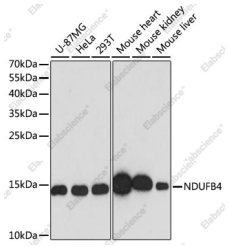
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human NDUFB4 (NP_001161803.1).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:100

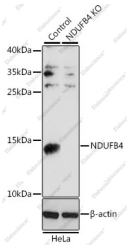
Data



Western blot analysis of extracts of various cell lines using NDUFB4 Polyclonal Antibody at dilution of 1:3000.

Observed-MW:15 kDa

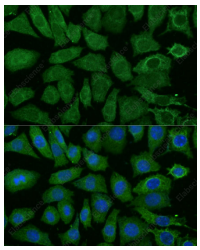
Calculated-MW:14 kDa/15 kDa



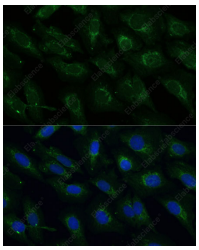
Western blot analysis of extracts from normal (control) and NDUFB4 knockout (KO) HeLa cells using NDUFB4 Polyclonal Antibody at dilution of 1:1000.

Observed-MW:15 kDa

Calculated-MW:14 kDa/15 kDa



Immunofluorescence analysis of L929 cells using NDUFB4 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using NDUFB4 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.

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