(KO Validated) NDUFB4 Polyclonal Antibody

Catalog No. E-AB-64835

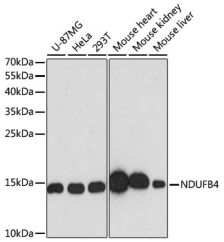
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

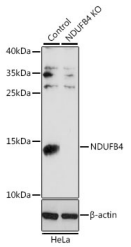
Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human NDUFB4 (NP_001161803.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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

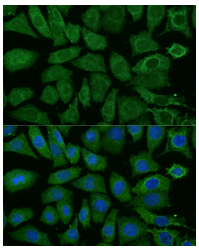
Data



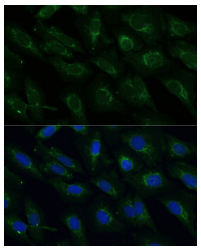
Western blot analysis of extracts of various cell lines using NDUFB4 Polyclonal Antibody at dilution of 1:3000.
Observed Mw:15kDa
Calculated Mw:14kDa/15kDa



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



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. Avoid freeze / thaw cycles.

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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