

(KO Validated) NDUFA5 Polyclonal Antibody

Catalog Number:E-AB-66338



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

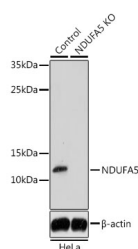
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human NDUFA5 (NP_004991.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

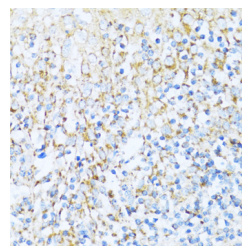
WB	1:500-1:2000
IHC	1:50-1:100
IF	1:50-1:100

Data

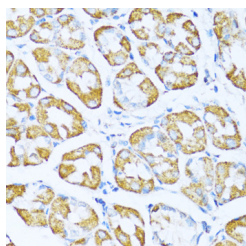


Western blot analysis of extracts from normal (control) and NDUFA5 knockout (KO) HeLa cells using NDUFA5 Polyclonal Antibody at dilution of 1:1000.

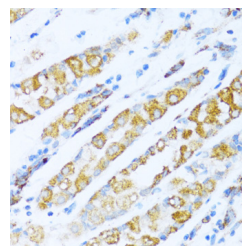
Observed Mw:13kDa
Calculated Mw:13kDa



Immunohistochemistry of paraffin-embedded Human tonsil using NDUFA5 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human stomach using NDUFA5 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human gastric cancer using NDUFA5 Polyclonal Antibody at dilution of 1:100 (40x lens).

For Research Use Only

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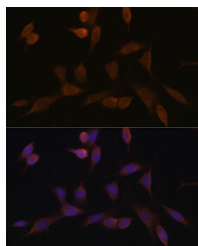
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Immunofluorescence analysis of NIH-3T3 cells using NDUFA5 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Preparation & Storage

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

Background

This nuclear gene encodes a conserved protein that comprises the B13 subunit of complex I of the mitochondrial respiratory chain. The encoded protein localizes to the inner mitochondrial membrane, where it is thought to aid in the transfer of electrons from NADH to ubiquinone. Alternative splicing results in multiple transcript variants. There are numerous pseudogenes of this gene on chromosomes 1, 3, 6, 8, 9, 11, 12, and 16.

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