

[KO Validated] NDUFS3 Antibody

CAB8013

Description

This [KO Validated] NDUFS3 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB8013
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Polyclonal Antibody
Synonyms: CI-30, MC1DN8, NDUFS3
Clone: -
Applications: WB IP ELISA
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 4722
Uniprot: AB_2863565
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 26kDa/30kDa
Calculated MW: 30kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

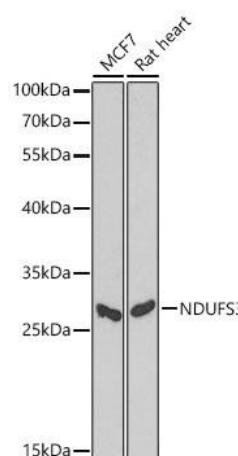
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HepG2, Mouse kidney, Mouse heart, Mouse skeletal muscle, Rat kidney, Rat heart, Rat skeletal muscle, MCF7, Rat heart

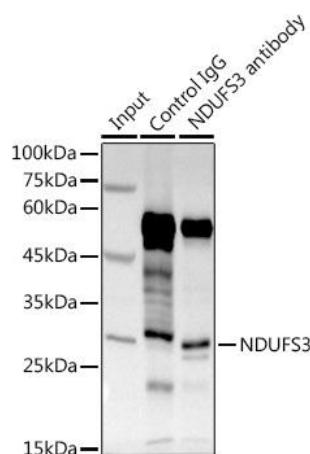
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> <tr> <td>IP</td><td>0.5µg-4µg antibody for 400µg-600µg extracts of whole cells</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:500 - 1:2000	IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using NDUFS3 Rabbit pAb (CAB8013) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunoprecipitation analysis of 600 μ g extracts of Mouse kidney using 3 μ g NDUFS3 antibody (CAB8013). Western blot was performed from the immunoprecipitate using NDUFS3 antibody (CAB8013) at a dilution of 1:1000.