

[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.

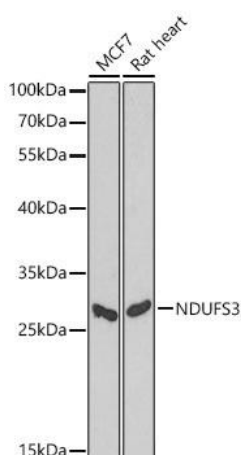
Positive Sample: HepG2, Mouse kidney, Mouse heart, Mouse skeletal muscle, Rat kidney, Rat heart, Rat skeletal muscle, MCF7, Rat heart

Recommended Dilutions:

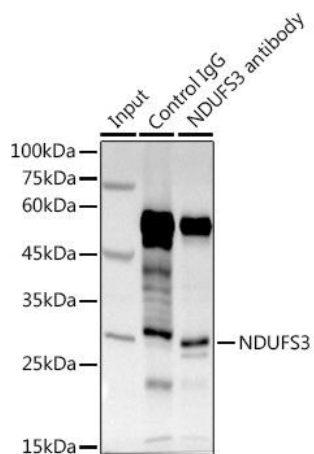
WB	1:500 - 1:2000
IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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