

NCOA4 Rabbit mAb

Catalog No.: A29346 **Recombinant**

Basic Information

Observed MW

80 kDa

Calculated MW

70 kDa

Category

Primary antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Mouse, Rat

CloneNo number

ARC83992

Background

Acts upstream of or within intracellular iron ion homeostasis. Located in mitochondrion. Is expressed in several structures, including heart; lung; metanephros; reproductive system; and spleen. Orthologous to human NCOA4 (nuclear receptor coactivator 4).

Recommended Dilutions

WB 1:3000 - 1:20000

IP 0.5 µg - 4 µg antibody for
400 µg - 600 µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.
For high-ratio antibody
dilutions ($\geq 1:10000$) a
sequential dilution method
is strongly recommended to
ensure measurement
accuracy.

Contact

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Immunogen Information

Gene ID

27057

Swiss Prot

Q5U4H9

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Rfg; ARA70; NCoA-4

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

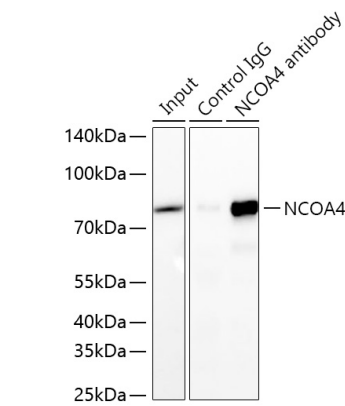
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

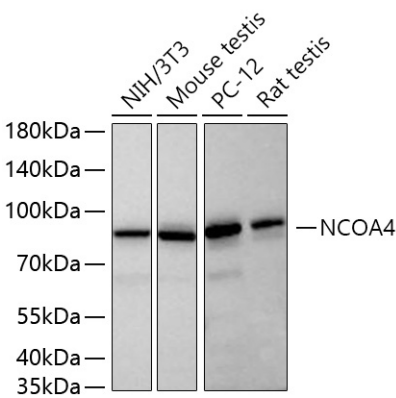


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Validation Data



Immunoprecipitation of NCOA4 from 500 µg extracts of NIH/3T3 cells was performed using 2 µg of NCOA4 Rabbit mAb (A29346). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using NCOA4 Rabbit mAb (A29346) at a dilution of 1:5000.



Western blot analysis of various lysates using NCOA4 Rabbit mAb (A29346) at 1:5000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30 s.