NCOA4 Rabbit mAb

Catalog NO.: A29346 Recombinant

Basic Information

Observed MW
80 kDa

Calculated MW
70 kDa

Category
Monoclonal Antibodies

Applications
WB, IP, ELISA

Cross-Reactivity
Mouse, Rat

Conjugation
Unconjugated

Clone 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 (⩾1:10000)，a sequential dilution method is strongly recommended to ensure measurement accuracy.

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

Contact

Product Information

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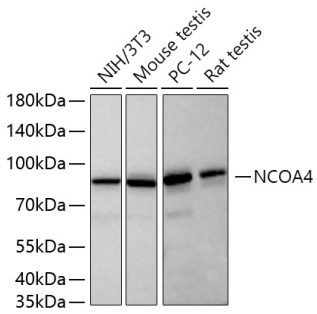
Source
Rabbit

Isotype
IgG

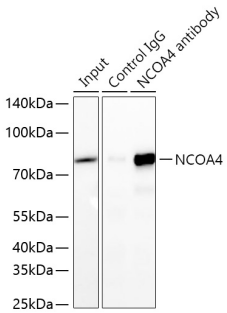
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



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.



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.

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