

Anti-NCOA4 Antibody [PSH05-44] - BSA and Azide free

HA751003



Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human
Applications:	WB
Molecular Wt:	Predicted band size: 70 kDa
Clone number:	PSH05-44

Description: Nuclear receptor coactivator 4, also known as Androgen Receptor Activator (ARA70), is a protein that in humans is encoded by the NCOA4 gene. It plays an important role in ferritinophagy, acting as a cargo receptor, binding to the ferritin heavy chain and latching on to ATG8 on the surface of the autophagosome.

Immunogen: Recombinant protein within human NCOA4 aa 1-400 / 614.

Positive control: HeLa cell lysate, A-172 cell lysate, A549 cell lysate, A431 cell lysate, HL-60 cell lysate, NIH:OVCAR-3 cell lysate, A375 cell lysate.

Subcellular location: Nucleus.

Database links: SwissProt: Q13772 Human

Recommended Dilutions:
WB 1:1,000-1:5,000

Storage Buffer: PBS (pH7.4).

Storage Instruction: Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze / thaw cycles.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

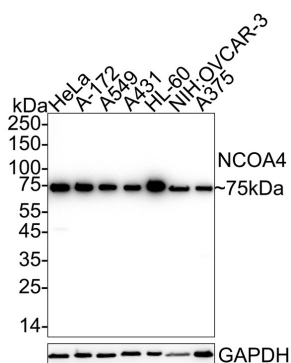
Service mail:support@huabio.cn

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

Images

Fig1: Western blot analysis of NCOA4 on different lysates with Rabbit anti-NCOA4 antibody (HA751003) at 1/1,000 dilution.



Lane 1: HeLa cell lysate
 Lane 2: A-172 cell lysate
 Lane 3: A549 cell lysate
 Lane 4: A431 cell lysate
 Lane 5: HL-60 cell lysate
 Lane 6: NIH:OVCAR-3 cell lysate
 Lane 7: A375 cell lysate

Lysates/proteins at 20 µg/Lane.

Predicted band size: 70 kDa
 Observed band size: 75 kDa

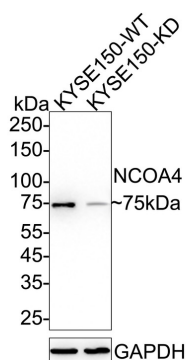
Exposure time: 25 seconds; ECL: K1801;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (HA751003) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1/50,000 dilution was used for 1 hour at room temperature.

Fig2: Western blot analysis of NCOA4 on different lysates with Rabbit anti-NCOA4 antibody (HA751003) at 1/5,000 dilution.

Lane 1: KYSE150-si NT cell lysate
 Lane 2: KYSE150-si NCOA4 cell lysate



Lysates/proteins at 10 µg/Lane.

Predicted band size: 70 kDa
 Observed band size: 75 kDa

Exposure time: 3 minutes; ECL: K1801;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (HA751003) at 1/5,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1/50,000 dilution was used for 1 hour at room temperature.

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Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Santana-Codina N et al. The Role of NCOA4-Mediated Ferritinophagy in Ferroptosis. Adv Exp Med Biol. 2021
2. Wu H et al. ATM orchestrates ferritinophagy and ferroptosis by phosphorylating NCOA4. Autophagy. 2023 Jul

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