

For Research Use Only

SRC3/NCOA3 Polyclonal antibody

Catalog Number: 20032-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number:

20032-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006534

GeneID (NCBI):

8202

UNIPROT ID:

Q9Y6Q9

Full Name:

nuclear receptor coactivator 3

Calculated MW:

155 kDa

Observed MW:

160 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:10-1:100

Applications

Tested Applications:

IF/ICC, WB, ELISA

Cited Applications:

WB, IHC, ChIP

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells,

IF/ICC : HepG2 cells,

Background Information

NCOA3, also named as AIB1, SRC3 and TRAM1, belongs to the SRC/p160 nuclear receptor coactivator family. NCOA3 is a nuclear receptor coactivator that directly binds nuclear receptors and stimulates the transcriptional activities in a hormone-dependent fashion. NCOA3 plays a central role in creating a multisubunit coactivator complex, which probably acts via remodeling of chromatin. Involved in the coactivation of different nuclear receptors, such as for steroids (GR and ER), retinoids (RARs and RXRs), thyroid hormone (TRs), vitamin D3 (VDR) and prostanoids (PPARs). NCOA3 also involved in the coactivation of the NF-kappa-B pathway via its interaction with the NFKB1 subunit. The antibody can recognize all the isoforms of NCOA3.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------|-----------|---------------------|-------------|
| Yu Chen | 32036219 | Biomed Pharmacother | WB, IHC |
| Xuan Zheng | 31914406 | J Biol Chem | WB |
| Xuan Zheng | 33485542 | J Biol Chem | ChIP |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

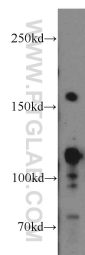
T: 4006900926

E: Proteintech-CN@ptglab.com

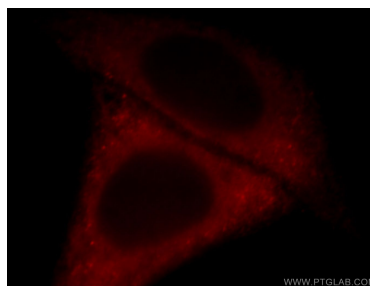
W: ptgcn.com

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 20032-1-AP (NCOA3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using NCOA3 antibody 20032-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).