

For Research Use Only

SRC3/NCOA3 Polyclonal antibody



Catalog Number: 20032-1-AP

Featured Product

2 Publications

Basic Information

Catalog Number: 20032-1-AP	GenBank Accession Number: NM_006534	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8202	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:10-1:100
Source: Rabbit	Full Name: nuclear receptor coactivator 3	
Isotype: IgG	Calculated MW: 155 kDa	
	Observed MW: 160 kDa	

Applications

Tested Applications:
FC, IF, IHC, WB, ELISA

Cited Applications:
IHC, WB

Species Specificity:
human

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells,

IHC : human lung cancer tissue,

IF : 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. NOCA3 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 recognizes 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

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

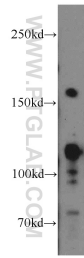
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

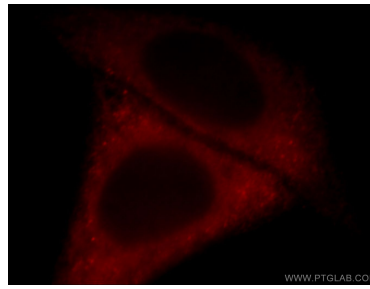
E: proteintech@ptglab.com
W: ptglab.com

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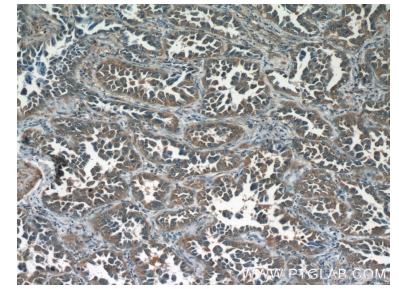
Selected Validation Data



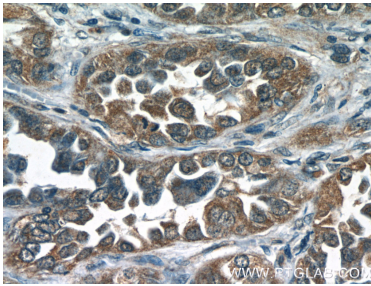
HeLa cells were subjected to SDS PAGE followed by western blot with 20032-1-AP (NCOA3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



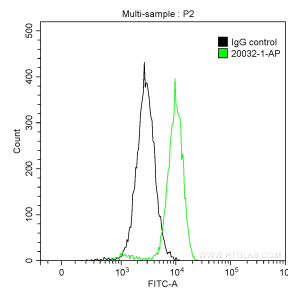
Immunofluorescent analysis of HepG2 cells, using NCOA3 antibody 20032-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 20032-1-AP (NCOA3 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 20032-1-AP (NCOA3 Antibody) at dilution of 1:50.



1×10^6 HeLa cells were intracellularly stained with 0.2 ug Anti-Human SRC3/NCOA3 (20032-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.