

For Research Use Only

NCOA3 Polyclonal antibody

Catalog Number: 29587-1-AP



Basic Information

Catalog Number: 29587-1-AP	GenBank Accession Number: BC119001	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 8202	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9Y6Q9	
Isotype: IgG	Full Name: nuclear receptor coactivator 3	
Immunogen Catalog Number: AG30633	Calculated MW: 1424 aa, 155 kDa	
	Observed MW: 150-160 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
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: Daudi cells, HEK-293 cells, Hela cells, Jurkat cells, K-562 cells, MCF-7 cells, PC-3 cells

IHC: human lung cancer tissue,

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.

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

***** 20ul sizes contain 0.1% BSA**

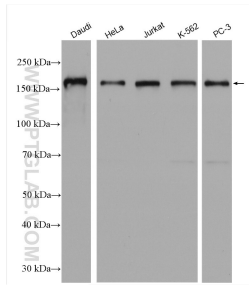
For technical support and original validation data for this product please contact:

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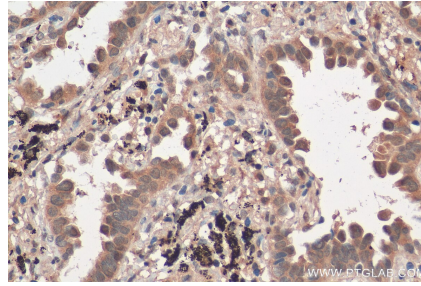
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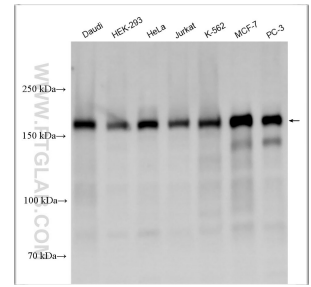
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29587-1-AP (NCOA3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 29587-1-AP (NCOA3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 29587-1-AP (NCOA3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.