

## Anti-SRC3/NCOA3 Antibody

Catalog Number: PA2277

### About NCOA3

The nuclear receptor coactivator 3 also known as NCOA3 is a protein that, in humans, is encoded by the NCOA3 gene. It is mapped to 20q13.12. This gene was amplified and overexpressed in breast and ovarian cancer cell lines, as well as in breast cancer biopsies, and altered NCOA3 expression may contribute to development of steroid-dependent cancers. NCOA3 is a transcriptional coactivator protein that contains several nuclear receptor interacting domains and an intrinsic histone acetyltransferase activity. In addition to those, this gene is recruited to DNA promotion sites by ligand-activated nuclear receptors. NCOA3, in turn, acylates histones, which makes downstream DNA more accessible to transcription. Hence, NCOA3 assists nuclear receptors in the upregulation of gene expression.

### Overview

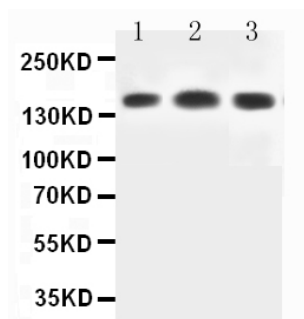
Product Name	Anti-SRC3/NCOA3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-SRC3/NCOA3 Antibody catalog # PA2277. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal WH-3
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub> .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9Y6Q9

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SRC3, different from the related mouse sequence by two amino acids, and from the related rat sequence by one amino acid..
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross reactivity with other proteins
Form	Lyophilized

Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat</p>

## Anti-SRC3/NCOA3 Antibody (PA2277) Images



Anti-SRC3 antibody, PA2277, All Western blotting  
All lanes: Anti-NCOA3(PA2277) at 0.5ug/ml  
Lane 1: HELA Whole Cell Lysate at 40ug  
Lane 2: HT1080 Whole Cell Lysate at 40ug  
Lane 3: MCF-7 Whole Cell Lysate at 40ug  
Predicted bind size: 155KD  
Observed bind size: 155KD

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