

Datasheet for ABIN745888

**anti-NCOA3 antibody (pThr24) (Cy5.5)**[Go to Product page](#)

## Overview

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                  |
| Target:              | NCOA3                                                                                                   |
| Binding Specificity: | pThr24                                                                                                  |
| Reactivity:          | Human                                                                                                   |
| Host:                | Rabbit                                                                                                  |
| Clonality:           | Polyclonal                                                                                              |
| Conjugate:           | This NCOA3 antibody is conjugated to Cy5.5                                                              |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic phosphopeptide derived from human SRC-3 around the phosphorylation site of Thr24 |
| Isotype:              | IgG                                                                                                       |
| Cross-Reactivity:     | Human                                                                                                     |
| Predicted Reactivity: | Pig,Horse,Rabbit,Guinea Pig                                                                               |
| Purification:         | Purified by Protein A.                                                                                    |

## Target Details

|         |       |
|---------|-------|
| Target: | NCOA3 |
|---------|-------|

## Target Details

Alternative Name: Src-3 ([NCOA3 Products](#))

Background: Synonyms: ACTR, AIB 1, AIB-1, AIB1, Amplified in breast cancer 1, Amplified in breast cancer 1 protein, bHLHe42, CAGH 16, CAGH16, CBP interacting protein, CBP-interacting protein, Class E basic helix-loop-helix protein 42, CTG 26, CTG26, KAT13B / AIB1, MGC141848, NCOA 3, NCOA 3, NCoA-3, Ncoa3, NCOA3\_HUMAN, Nuclear receptor coactivator 3, pCIP, RAC 3, RAC-3, RAC3, Receptor associated coactivator 3, Receptor-associated coactivator 3, SRC 3, SRC-3, SRC3, Steroid receptor coactivator protein 3, Thyroid hormone receptor activator molecule 1, TNRC14, TNRC16, TRAM 1, TRAM-1, TRAM1.

Background: KAT13B/AIB1 interacts in a ligand-dependent fashion with the estrogen receptor to enhance estrogen-dependent transcriptional gene activation. The protein encoded by this gene is a nuclear receptor coactivator that interacts with nuclear hormone receptors to enhance their transcriptional activator functions. The encoded protein has histone acetyltransferase activity and recruits KAT3A / KAT3B as part of a multisubunit coactivation complex. This protein is initially found in the cytoplasm but is translocated into the nucleus upon phosphorylation. Two transcript variants encoding different isoforms have been found for this gene. In addition, a polymorphic repeat region is found in the C-terminus of the encoded protein.

Gene ID: 8202

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

## Handling

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|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |