

Rabbit anti-Human AIB1/SRC-3 Polyclonal Antibody | anti-AIB1/SRC-3 antibody

AIB1/SRC-3 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59931	Rabbit	Human	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation

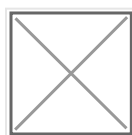
PRODUCT SYNONYMS

AIB1/SRC-3; Polyclonal Antibody; AIB1/SRC-3 antibody (pAb); Amplified in Breast Cancer 1; Steroid Receptor Coactivator-3; Nuclear Receptor Coactivator 3; SRC-3; NCOA3; anti-AIB1/SRC-3 antibody

PRODUCT SPECIFICATIONS

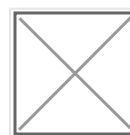
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in 70mM Tris (pH8), 105mM NaCl, 31mM glycine, 0.07mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-AIB1/SRC-3 antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation)
Immunogen	This AIB1 antibody was raised against a peptide derived from human AIB1/SRC-3.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

AIB1 antibody (pAb) tested by Western blot. Detection of AIB1 by Western blot. Lane 1: HeLa whole-cell extract (30 ug). Lane 2: Whole cell extract (30 ug) of MCF-7 cells. Both probed with AIB1 antibody at a 1:500 dilution.



ChIP (Chromatin Immunoprecipitation)

AIB1 antibody tested by ChIP analysis. Chromatin IP performed using the ChIP-IT Express Kit and MCF-7 chromatin (1.5 x 10⁶ cell equivalents per ChIP) using 10 ul of AIB1 / SRC-3 antibody or the equivalent amount of rabbit IgG as a negative control. Real time, quantitative PCR (RT-qPCR) was performed on DNA purified from each of the ChIP reactions using a primer pair specific for the pS2 gene promoter. Data are presented as Fold Enrichment of the ChIP antibody signal versus the negative control IgG using the ddCT method.

ADDITIONAL INFORMATION

Related Product Information for anti-AIB1/SRC-3 antibody	Short Description: Our AIB1/SRC-3 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation and Western blot; it has been shown to react with Human samples. Background: AIB1 (Amplified in Breast Cancer 1, Steroid Receptor Coactivator-3, Nuclear Receptor Coactivator 3, SRC-3, NCOA3) is a chromatin-associated protein that interacts with nuclear hormone receptors to modify their activity as transcriptional activators. AIB1 has histone acetyltransferase (HAT) activity and recruits p300/CBP-associated factor (PCAF) and CREB binding protein (CBP) as part of a multisubunit co-activator complex. This protein is initially found in the cytoplasm but is translocated into the nucleus upon phosphorylation. It is Involved in the coactivation of different nuclear receptors, such as GR, ER, RARs, RXRs, TRs, VDR and PPARs. It is also involved in the coactivation of the NF-kappa-B pathway via its interaction with the NFkB1 protein.
Product Categories/Family for anti-AIB1/SRC-3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	160kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aib1-src-3-antibody-western-blot-chromatin-immunoprecipitation-elisa/59931>