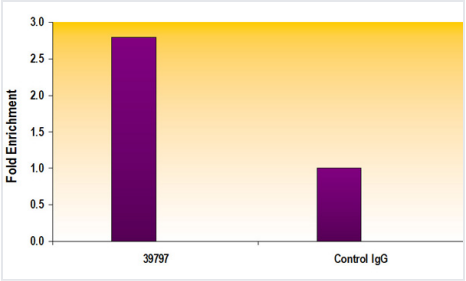
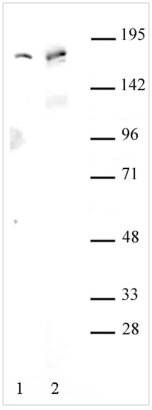
AIB1/SRC-3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AIB1/SRC-3, Polyclonal Antibody
Full Product Name	AIB1/SRC-3 antibody (pAb)
Product Gene Name	anti-AIB1/SRC-3 antibody
Product Synonym Names	Amplified in Breast Cancer 1; Steroid Receptor Coactivator-3; Nuclear Receptor Coactivator 3; SRC-3; NCOA3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
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.
Purity/Purification	Affinity Purified
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
Molecular Weight	160kDa
Immunogen	This AIB1 antibody was raised against a peptide derived from human AIB1/SRC-3.
Product Categories/Family for anti-AIB1/SRC-3 antibody	Primary Antibodies
Applications Tested/Suitable for anti-AIB1/SRC-3 antibody	Chromatin Immunoprecipitation (ChIP), Western Blot (WB)
Application Notes for anti-AIB1/SRC-3 antibody	Applications Validated: ChIP: 10ul per ChIP WB: 1:500-1:2,000 dilution
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.
Other Notes	Small volumes of anti-AIB1/SRC-3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for AIB1/SRC-3 purchase	MBS388580 is an antibody targeting AIB1/SRC-3. Also known as AIB1/SRC-3 antibody (pAb). Reactive in Human. Host: Rabbit.



Chromatin Immunoprecipitation (ChIP) of anti-AIB1/SRC-3 antibody
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.



Western Blot (WB) of anti-AIB1/SRC-3 antibody
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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for AIB1/SRC-3. It may not necessarily be applicable to this product.

NCBI Accession #	NP_858045
NCBI Related Accession #	AB_2615066
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