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SRC3 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10592

Specification

SRC3 Antibody - Product Information

Application	**WB, IP**
Primary Accession	Q9Y6Q9
Other Accession	NP_858045.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**155293**

SRC3 Antibody - Additional Information

Gene ID 8202

Application & Usage

Western blotting (1:500 – 1:2500) and Immunoprecipitation. However, the optimal concentrations should be determined individually. HeLa cell lysate can be used as a positive control. The antibody recognizes the SRC3 of human origin. Reactivity to other species has not been tested.

Other Names
Steroid receptor coactivator 3, NCOA3, Nuclear Receptor Coactivator 3; TRAM1, Thyroid Hormone Receptor Activator Molecule 1; RAC3, Receptor-Associated Coactivator 3; AIB1, Amplified in Breast Cancer-1; pCIP, CBP-Interactin protein

Target/Specificity
SRC3

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µl affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 1% BSA and 0.02% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

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Background Descriptions

Precautions
SRC3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SRC3 Antibody - Protein Information

Name NCOA3

Synonyms AIB1, BHLHE42, RAC3, TRAM1

Function
Nuclear receptor coactivator that directly binds nuclear receptors and stimulates the transcriptional activities in a hormone- dependent fashion. 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). Displays histone acetyltransferase activity. Also involved in the coactivation of the NF-kappa-B pathway via its interaction with the NFKB1 subunit.

Cellular Location
Cytoplasm. Nucleus. Note=Mainly cytoplasmic and weakly nuclear. Upon TNF activation and subsequent phosphorylation, it translocates from the cytoplasm to the nucleus

Tissue Location
Widely expressed. High expression in heart, skeletal muscle, pancreas and placenta. Low expression in brain, and very low in lung, liver and kidney

SRC3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SRC3 Antibody - Images

SRC3 Antibody - Background

Steroid receptor coactivator 3 (SRC3) belongs to the SRC family of proteins that interacts with nuclear receptors to facilitate transcription. The 3 homologous members of this family are SRC-1 (NCoA-1), SRC-2 (GRIP1, TIF2, or NcoA-2), and SRC-3 (p/CIP, RAC3, ACTR, AIB1, or TRAM-1). SRC3 is an oncogene that is reported to be amplified and/or overexpressed in breast and gastric cancer and stimulates AKT signaling and cell growth and tumorigenesis.