

丝氨酸/苏氨酸蛋白激酶 ATR 抗体

产品货号： mlR20559

英文名称： SRC3

中文名称： 丝氨酸/苏氨酸蛋白激酶 ATR 抗体

别名： KAT13B; AIB1; SRC-3; 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; 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; Steroid receptor coactivator protein 3; Thyroid hormone receptor activator molecule 1; TNRC14; TNRC16; TRAM 1; TRAM-1; TRAM1.

研究领域： 肿瘤 细胞生物 免疫学 染色质和核信号 细胞周期蛋白 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Sheep,



产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500
(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 309kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human ACTR:251-350/1421

亚型： IgG

纯化方法： affinity purified by Protein A

储存液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : 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 p300/CBP-associated factor and CREB binding protein as part of a multisubunit coactivation complex. This protein is initially found in the cytoplasm but is translocated into the nucleus upon phosphorylation. Several 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. [provided by RefSeq, Mar 2010].

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. Interacts with PSMB9.

Subunit:

Interacts with CARM1. Present in a complex containing NCOA2, IKKA, IKKB, IKBKG and the histone acetyltransferase protein CREBBP. Interacts with CASP8AP2, NR3C1 and PCAF. Interacts with ATAD2 and this interaction is enhanced by estradiol. Found in a complex containing NCOA3, AR and MAK. Interacts with DDX5. Interacts with PSMB9. Interacts with NPAS2. Interacts with NR4A3.

Subcellular Location:

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

Tissue Specificity:

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

Post-translational modifications:

Acetylated by CREBBP. Acetylation occurs in the RID domain, and disrupts the interaction with nuclear receptors and regulates its function.

Methylated by CARM1.

Phosphorylated by IKK complex. Regulated its function.

Similarity:

Belongs to the SRC/p160 nuclear receptor coactivator family.

Contains 1 basic helix-loop-helix (bHLH) domain.

Contains 1 PAS (PER-ARNT-SIM) domain.

SWISS:

Q9Y6Q9

Gene ID:

8202

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

