

产品名称: NCoA3 (Phospho-Ser857) Rabbit Polyclonal Antibody
产品货号: APRab05815



产品概述 (Summary)

产品名称 (Production Name)	NCoA3 (Phospho-Ser857) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NCOA3 Nuclear receptor coactivator 3 (NCoA-3) (EC 2.3.1.48) (ACTR) (Amplified in breast cancer 1 protein) (AIB-1) (CBP-interacting protein) (pCIP) (Class E basic helix-loop-helix protein 42) (bHLHe42) (Receptor-associated coactivator 3) (RAC-3) (Steroid receptor coactivator protein 3) (SRC-3) (Thyroid hormone receptor activator molecule 1) (TRAM-1)
别名 (Alternative Names)	
基因 ID (Gene ID)	8202.0
蛋白 ID (SwissProt ID)	Q9Y6Q9.

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稀释比 (Dilution Ratio)	WB 1:500-1:2000
蛋白分子量 (Molecular Weight)	157kDa

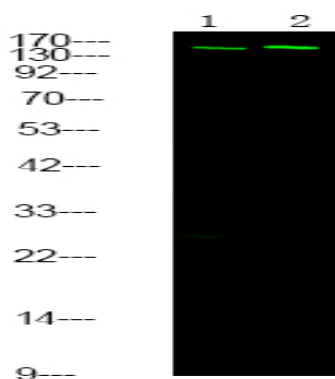
研究背景 (Background)

alternative products:Additional isoforms seem to exist,catalytic activity:Acetyl-CoA + histone = CoA + acetylhistone.,domain:Contains three Leu-Xaa-Xaa-Leu-Leu (LXXLL) motifs. Motifs 1 and 2 are essential for the association with nuclear receptors, and constitute the RID domain (Receptor-interacting domain),enzyme regulation:Coactivator activity on nuclear receptors and NF-kappa-B pathways is enhanced by various hormones, and the TNF cytokine, respectively. TNF stimulation probably enhances phosphorylation, which in turn activates coactivator function. In contrast, acetylation by CREBBP apparently suppresses coactivation of target genes by disrupting its association with nuclear receptors.,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.,miscellaneous:NCOA3 is frequently amplified or overexpressed in breast and ovarian cancers.,polymorphism:The length of the poly-Gln region is polymorphic in the normal population.,PTM:Acetylated by CREBBP. Acetylation occurs in the RID domain, and disrupts the interaction with nuclear receptors and regulates its function.,PTM:Methylated by CARM1.,PTM:Phosphorylated by IKK complex. Regulated its function.,similarity:Belongs to the SRC/p160 nuclear receptor coactivator family.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,similarity:Contains 1 PAS (PER-ARNT-SIM) domain.,subcellular location:Mainly cytoplasmic and weakly nuclear. Upon TNF activation and subsequent phosphorylation, it translocates from the cytoplasm to the nucleus.,subunit:Interacts with CARM1 (By similarity). 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.,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.,

研究领域 (Research Area)

图片 (Image Data)

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Western Blot analysis of 1 MCF-7 cell, 2 LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution.
Secondary antibody was diluted at 1:10000

注意事项 (Note)

For research use only .