

# SRC-1 (Phospho Thr1179) Rabbit pAb

CatalogNo: YP1597

## Key Features

Host Species
• Rabbit
MW
• 158kD (Observed)

Reactivity • Human,Mouse Isotype • IgG Applications
• WB,ELISA

#### Recommended Dilution Ratios

WB 1:1000-2000 ELISA 1:5000-20000

### **Storage**

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liguid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### **Basic Information**

Clonality Polyclonal

#### Immunogen Information

Immunogen Synthesized peptide derived from human SRC-1 (Phospho Thr1179)

**Specificity** This antibody detects endogenous levels of Human,Mouse SRC-1 (Phospho Thr1179).The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):PGtPP

## Target Information

Gene name	NCOA1 BHLHE74 SRC1		
Protein Name	SRC-1 (Phospho Thr1179) <b>Organism</b>	Gene ID	UniProt ID
	Human	<u>8648;</u>	<u>Q15788;</u>
	Mouse	<u>17977;</u>	<u>P70365;</u>
Cellular Localization	Nucleus .		
Tissue specificity	Widely expressed.		
Function	Catalytic activity:Acetyl-CoA + H aberration involving NCOA1 is a with PAX3 generates the NCOA1 and the C-terminus part of NCO. Rhabdomyosarcoma is the most 5-8% of all malignancies in child motifs. LXXLL motifs 3, 4 and 5 LXXLL motif 7, which is not press in vitro.,Domain:The C-terminal (HAT) activity.,Function:Nuclear and stimulates the transcription the coactivation of different nuc- retinoids (RXRs), thyroid hormor coactivation mediated by STAT3 histone acetyltransferase activit however unclear. Plays a centra act via remodeling of chromatin remodeling and recruitment of g control energy balance between steroid hormone response. Isofo transactivation activity than isof damage, probably by ATM or AT with PGR and prolongs its retent does not exert a clear effect on proteasome-mediated degradat sites.,similarity:Belongs to the S family.,similarity:Contains 1 bas (PER-ARNT-SIM) domain.,subuni similarity). Interacts with the LXXL stimulation. Interacts with the LXXL stimulation. Interacts with the b acetyltransferases EP300 and C TTLL5/STAMP.,tissue specificity:	histone = CoA + acetylh cause of rhabdomyosar PAX3 oncogene consis A1. The fusion protein a common soft tissue can ren.,Domain:Contains 7 are essential for the ass ent in isoform 2, increas (1107-1441) part media receptor coactivator the al activities in a hormor lear receptors, such as the (TRs) and prostanoid s, STAT5A, STAT5B and S y toward H3 and H4; the l role in creating multisu , and possibly acts by p general transcription fac white and brown adipo frm 1 and isoform 3.,PT R.,PTM:Sumoylated; sur- tion in the nucleus. It do the stability of the prote ion. Ubiquitination and s RC/p160 nuclear recept ic helix-loop-helix (bHLF t:Interacts with the met 5 and NCOA2. Interacts L motif of STAT6. Intera asal transcription factor REBBP. Interacts with PG Widely expressed.,	histone.,Disease:A chromosomal rcoma. Translocation t(2;2)(q35;p23) ting of the N-terminus part of PAX3 cts as a transcriptional activator. rcinoma in childhood, representing ' Leu-Xaa-Xaa-Leu-Leu (LXXLL) sociation with nuclear receptors. ses the affinity for steroid receptors ates the histone acetyltransferase at directly binds nuclear receptors ne-dependent fashion. Involved in for steroids (PGR, GR and ER), s (PPARs). Also involved in STAT6 transcription factors. Displays e relevance of such activity remains ubunit coactivator complexes that articipating in both chromatin ctors. Required with NCOA2 to ose tissues. Required for mediating oid hormone-dependent TM:Phosphorylated upon DNA moylation increases its interaction oes not prevent its ubiquitination and ein.,PTM:Ubiquitinated; leading to sumoylation take place at different tor coactivator H) domain.,similarity:Contains 1 PAS chyltransferase CARM1 (By with the FDL motif of STAT5A and acts with STAT3 following IL-6 r GTF2B. Interacts with the histone CAF, COPS5, NR3C1 and

### Validation Data

## Contact information

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Please scan the QR code to access additional product information: SRC-1 (Phospho Thr1179) Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

Antibody | ELISA Kits | Protein | Reagents