

Rabbit c-Src (Tyr-215) Polyclonal Antibody | anti-SRC antibody

c-Src (Tyr-215), phospho-specific [Conserved site]

CATALOG # AAA14100	HOST Rabbit	REACTIVITY Human, Rat, Mouse	APPLICATIONS ELISA, Western Blot
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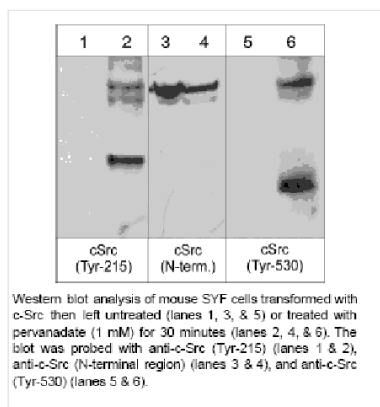
PRODUCT SYNONYMS

c-Src (Tyr-215); Polyclonal Antibody; phospho-specific [Conserved site]; phospho-specific; Src; anti-SRC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Specificity	This antibody was cross-adsorbed to phospho-tyrosine coupled to agarose then affinity purified using phospho-c-Src (Tyr-215) peptide (without carrier). The antibody detects a 60 kDa* protein on SDS-PAGE immunoblots of mouse SYF cells transformed with c-Src and human A431 cells that have been treated with pervanadate.
Applicable Applications for anti-SRC antibody	ELISA, WB (Western Blot)
Application Notes	ELISA: 1:2000 Western Blot: 1:1000
Immunogen	c-Src (Tyr-215) synthetic peptide (coupled to KLH) corresponding to amino acid residues around tyrosine 215 of human c-Src. This sequence has homology to the conserved site in other Src family members, such as hck, fyn, csk, and yes.
Buffer	Rabbit polyclonal, affinity-purified antibody is supplied in 100ul phosphate-buffered saline, 50% glycerol, 1 mg/ml BSA, and 0.05% sodium azide.
Preparation and Storage	Store at -20°C.Stable for 1 year.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-SRC antibody	c-Src was the first proto-oncogenic non-receptor tyrosine kinase characterized in human. The Src family is composed of nine members in vertebrates, including c-Src, Yes, Fgr, Yrk, Fyn, Lyn, Hck, Lck, and Blk. Src-family kinases transduce signals that are involved in the control of a variety of cellular processes, including proliferation, differentiation, motility, and adhesion. Src-family kinases contain an N-terminal cell membrane anchor followed by SH3 and SH2 domains. The activity of c- Src is regulated by tyrosine phosphorylation at multiple sites. Tyrosine 419 is autophosphorylated following c-Src activation. Tyrosine 215 in the SH2 domain of c-Src is phosphorylated following growth factor receptor activation. Both Tyr-215 and Tyr-419 phosphorylation increases tyrosine kinase activity, while phosphorylation of Tyr-530 downregulates c-Src kinase activity. Thus, tyrosine phosphorylation of c-Src is critical for regulating its kinase activity.
References	• Stover, D.R. et al. (1996) J Biol Chem 271(21):12481. • Vadlamudi, R.K. et al. (2003) FEBS Letters 543:76.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1848077
NCBI GeneID	6714
UniProt Accession #	P12931; Q76P87; Q86VB9; Q9H5A8; E1P5V4; Q71UK5; Q9H7V3
NCBI Official Full Name	c-src
NCBI Official Synonym Full Names	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
NCBI Official Symbol	SRC
NCBI Official Synonym Symbols	ASV; SRC1; c-SRC; p60-Src
NCBI Protein Information	proto-oncogene tyrosine-protein kinase Src; OTTHUMP00000174476; OTTHUMP00000174477; OTTHUMP00000174478; proto-oncogene c-Src; tyrosine kinase pp60c-src; tyrosine-protein kinase SRC-1; protooncogene SRC, Rous sarcoma
UniProt Protein Name	Proto-oncogene tyrosine-protein kinase Src
UniProt Gene Name	SRC
UniProt Synonym Gene Names	SRC1
UniProt Entry Name	SRC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/c-src-tyr-215-antibody-western-blot-elisa/14100>