

Rabbit anti-Human, Mouse SRC-Y529 Antibody | anti-SRC antibody

Phospho-SRC-Y529 Polyclonal Antibody

CATALOG # AAA37360	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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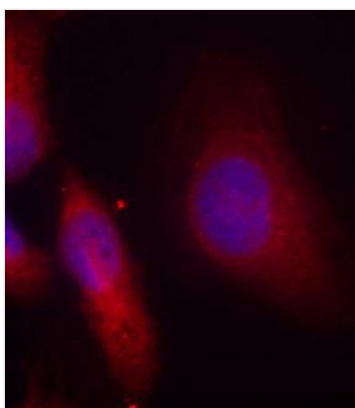
PRODUCT SYNONYMS

SRC-Y529; Phospho-SRC-Y529 Polyclonal Antibody; Phospho-SRC-Y529: ASV; SRC1; c-SRC; p60-Src; anti-SRC antibody

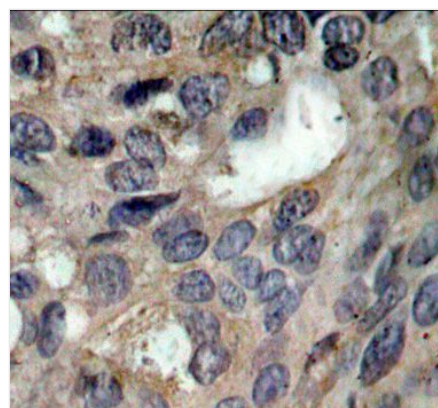
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	536
Applicable Applications for anti-SRC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Route	Synthetic Peptide
Immunogen	A phospho specific peptide corresponding to residues surrounding Y529 of human SRC
Calculated Molecular Weight	60kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

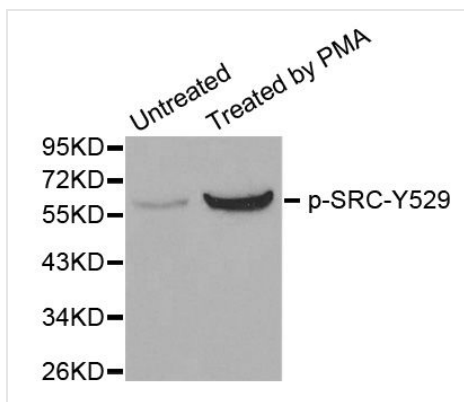
IMAGES


IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using Phospho-SRC-Y529 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast carcinoma using Phospho-SRC-Y529 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Phospho-SRC-Y529 antibody.
 A431 cells were treated by EGF (100ng/ml) for 30 minutes after serum-starvation overnight.
 HeLa cells were treated by 10% FBS for after serum-starvation overnight. Secondary antibody:
 HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking
 buffer: 3% BSA.

ADDITIONAL INFORMATION

Related Product Information for anti-SRC antibody	This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may play a role in the regulation of embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in this gene could be involved in the malignant progression of colon cancer. Two transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-SRC antibody	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	125711
NCBI GeneID	6714
UniProt Accession #	P12931; Q76P87; Q86VB9; Q9H5A8; E1P5V4
Molecular Weight	536
NCBI Official Full Name	Proto-oncogene tyrosine-protein kinase Src
NCBI Official Synonym Full Names	SRC proto-oncogene, non-receptor tyrosine kinase
NCBI Official Symbol	SRC
NCBI Official Synonym Symbols	ASV; SRC1; c-SRC; p60-Src
NCBI Protein Information	proto-oncogene tyrosine-protein kinase Src; proto-oncogene c-Src; tyrosine kinase pp60c-src; tyrosine-protein kinase SRC-1; protooncogene SRC, Rous sarcoma; v-src avian sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog
UniProt Protein Name	Proto-oncogene tyrosine-protein kinase Src
UniProt Gene Name	SRC
UniProt Synonym Gene Names	SRC1; p60-Src
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.