

Rabbit SRC Polyclonal Antibody | anti-SRC antibody

SRC Antibody (N-term)

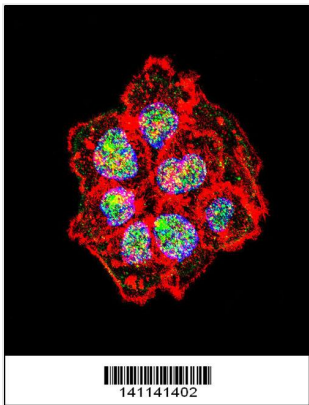
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28721	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, ELISA, Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence

PRODUCT SYNONYMS

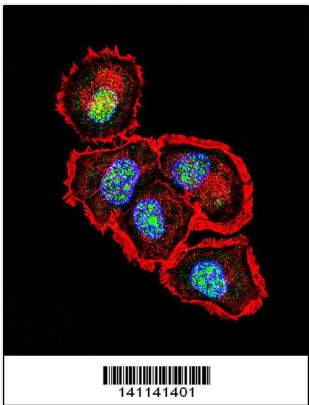
SRC; Polyclonal Antibody; SRC Antibody (N-term); Proto-oncogene tyrosine-protein kinase Src; Proto-oncogene c-Src; pp60c-src; p60-Src; SRC1; anti-SRC antibody

PRODUCT SPECIFICATIONS

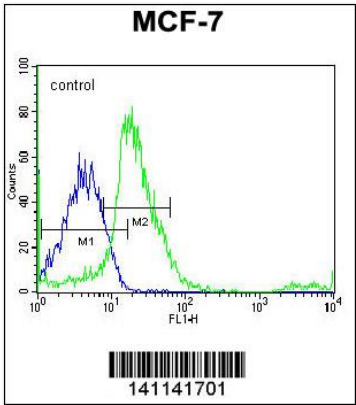
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SRC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-52 amino acids from the N-terminal region of human SRC.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	24-52
Sequence Length	536
Applicable Applications for anti-SRC antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Application Notes	WB~~1:2000 IHC~~1:50 FC~~1:50 IF~~1:50
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



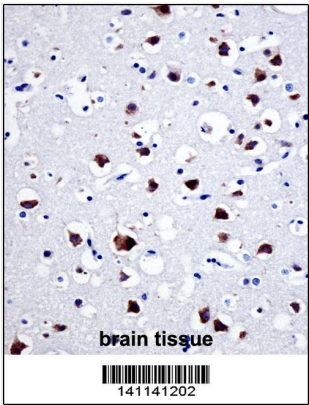
IF (Immunofluorescence)
Confocal immunofluorescent analysis of SRC Antibody (N-term) with A431 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



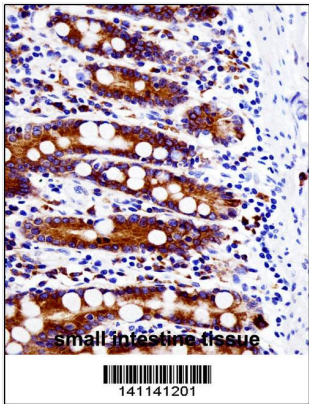
IF (Immunofluorescence)
Confocal immunofluorescent analysis of SRC Antibody (N-term) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



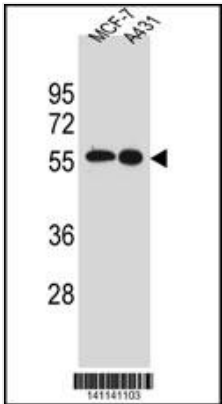
FCM (Flow Cytometry)
SRC Antibody (N-term) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).Alexa Fluor 488-conjugated donkey anti-rabbit IgG secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
SRC Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SRC Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



IHC (Immunohistochemistry)
SRC Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human small intestine tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SRC Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SRC Antibody (N-term) western blot analysis in MCF-7,A431 cell line lysates (35ug/lane).This demonstrates the SRC antibody detected the SRC protein (arrow).

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	Cancer; Signal Transduction
References	Pradhan, S., et al. J. Biol. Chem. 285(38):29059-29068(2010) Dergai, M., et al. Biochem. Biophys. Res. Commun. 399(2):307-312(2010) Liu, H., et al. J. Biol. Chem. 285(29):21934-21942(2010) Pene-Dumitrescu, T., et al. J. Biol. Chem. 285(28):21446-21457(2010) Liu, X., et al. Acta Biochim. Biophys. Sin. (Shanghai) 42(7):496-501(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885609
NCBI GeneID	6714
NCBI Accession #	NP_005408.1; NP_938033.1
NCBI GenBank Nucleotide #	NM_005417.4
UniProt Accession #	P12931; Q76P87; Q86VB9; Q9H5A8; E1P5V4
Molecular Weight	59835
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/src-antibody-western-blot-immunohistochemistry-flow-cytometry-immunofluorescence-elisa/28721>