

Rabbit anti-Human Src Monoclonal Antibody | anti-SRC antibody

[KO Validated] Src Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28491	Rabbit	Human	Western Blot, Immunofluorescence, Immunocytochemistry, Immunoprecipitation, ELISA

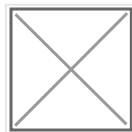
PRODUCT SYNONYMS

Src; Monoclonal Antibody; [KO Validated] Src Rabbit mAb; ASV; SRC1; THC6; c-SRC; p60-Src; rc; anti-SRC antibody

PRODUCT SPECIFICATIONS

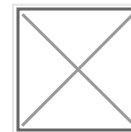
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MGSNKSQPKD ASQRRRSLEP AENVHGAGGG AFPASQTPSK PASADGHRGP SAAFAPAAAE PKLFGGFNSS DTVTSPQRAG PLAGGVTTFFV ALYDYESRTE
Applicable Applications for anti-SRC antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IP (Immunoprecipitation), ELISA
Application Notes	WB: 1:1000-1:2000 IF/ICC: 1:100-1:400 IP: 0.5ug-4ug antibody for 400ug-600ug extracts of whole cells ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Src (P12931).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 600 ug extracts of Mouse brain using 3 ug Src antibody (AAA28491). Western blot was performed from the immunoprecipitate using Src antibody (AAA28491) at a dilution of 1:1000.



ICC (Immunocytochemistry)

Confocal imaging of NIH/3T3 cells using [KO Validated] Src Rabbit mAb (AAA28491, at dilution of 1:100) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



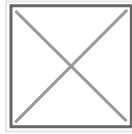
ICC (Immunocytochemistry)

Confocal imaging of A549 cells using [KO Validated] Src Rabbit mAb (AAA28491, at dilution of 1:100) (Red). The cells were counterstained with γ -Tubulin Mouse mAb (AC012, dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



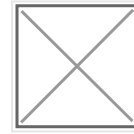
WB (Western Blot)

Western blot analysis of lysates from Jurkat cells, using [KO Validated] Src Rabbit mAb (AAA28491) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1min.



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and Src knockout (KO) HeLa cells, using [KO Validated] Src Rabbit mAb (AAA28491) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1min.



WB (Western Blot)

Western blot analysis of various lysates using [KO Validated] Src Rabbit mAb (AAA28491) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

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	Epigenetics Nuclear Signaling ; Protein phosphorylation ; Cancer ; Signal Transduction ; G protein signaling ; G-Protein-Coupled Receptors Signaling to MAPK Erk ; Kinase ; Tyrosine kinases ; ErbB-HER Signaling Pathway ; MAPK-Erk Signaling Pathway ; Cell Biology Dev

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885609
NCBI GeneID	6714
NCBI Accession #	NP_005408.1
NCBI GenBank Nucleotide #	NM_005417.3
UniProt Accession #	P12931; Q76P87; Q86VB9; Q9H5A8; E1P5V4
Molecular Weight	Calculated MW: 60kDa Observed MW: 60kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/src-antibody-western-blot-immunofluorescence-immunocytochemistry-immunoprecipitation-elisa/28491>