[KO Validated] Src Rabbit mAb

ABclonal

www.abclonal.com

Catalog No.: A19119 KO Validated Recombinant 16 Publications

Basic Information

Observed MW

60kDa

Calculated MW

60kDa

Category

Primary antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC0378

Background

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.

Recommended Dilutions

WB 1:1000 - 1:2000

1:100 - 1:400 IF/ICC

0.5μg-4μg antibody for ΙP 400μg-600μg extracts of

whole cells

ELISA Recommended starting

concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot 6714 P12931

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

ASV; SRC1; THC6; c-SRC; p60-Src; rc

Contact

<u>a</u>		400-999-6126
\bowtie		cn.market@abclonal.com.cn
\odot	T	www.abclonal.com.cn

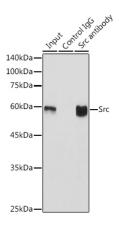
Product Information

Source Isotype **Purification** Rabbit IgG Affinity purification

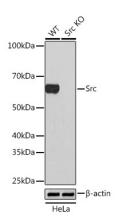
Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Immunoprecipitation analysis of 600 μ g extracts of Mouse brain using 3 μ g [KO Validated] Src Rabbit mAb (A19119). Western blot was performed from the immunoprecipitate using [KO Validated] Src Rabbit mAb (A19119) at a dilution of 1:1000.



Western blot analysis of lysates from wild type (WT) and Src knockout (KO) HeLa cells, using [KO Validated] Src Rabbit mAb (A19119) at 1:1000 dilution.

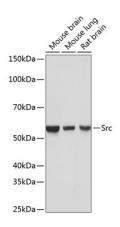
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1min.

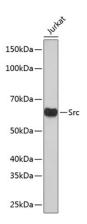


Western blot analysis of various lysates using [KO Validated] Src Rabbit mAb (A19119) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Western blot analysis of lysates from Jurkat cells, using [KO Validated] Src Rabbit mAb (A19119) at 1:1000 dilution

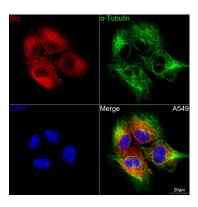
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

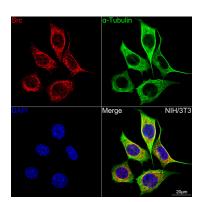
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1min.



Confocal imaging of A549 cells using [KO Validated] Src Rabbit mAb (A19119,at dilution of 1:100) (Red). The cells were counterstained with $\alpha\text{-}Tubulin$ Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Confocal imaging of NIH/3T3 cells using [KO Validated] Src Rabbit mAb (A19119,at dilution of 1:100) (Red). The cells were counterstained with $\alpha\textsc{-}$ Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.