

AP0185

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# Phospho-Src-Y529 Rabbit pAb

Catalog No.: AP0185

5 Publications

## Basic Information

### Observed MW

60kDa

### Calculated MW

60kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## 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 1:500 - 1:1000

IHC-P 1:50 - 1:100

IF/ICC 1:100 - 1:200

## Immunogen Information

### Gene ID

6714

### Swiss Prot

P12931

### Immunogen

A synthetic phosphorylated peptide around Y529 of human Src (NP\_005408.1).

### Synonyms

ASV; SRC1; THC6; c-SRC; p60-Src; Phospho-Src-Y529

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

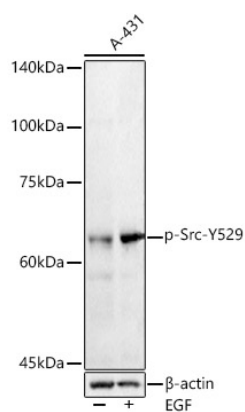
Affinity purification

### Storage

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

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from A-431 cells, using Phospho-Src-Y529 Rabbit pAb (AP0185) at 1:1000 dilution. A-431 cells were treated by EGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight.

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: 60s.