# Phospho-Src-Y419 Rabbit mAb

Catalog No.: AP1027 Recombinant 2 Publications



#### **Basic Information**

#### **Observed MW**

60kDa

#### **Calculated MW**

60kDa

## Category

Primary antibody

#### **Applications**

WB,ELISA

#### **Cross-Reactivity**

Human, Mouse

#### CloneNo number

ARC1572

# **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

**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; Phospho-Src-Y419

## **Contact**

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#### **Product Information**

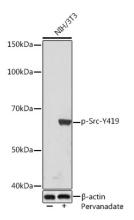
**Purification** Source Isotype Rabbit IgG Affinity purification

## Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## **Validation Data**



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-Src-Y419 Rabbit mAb (AP1027) at 1:1000 dilution. NIH/3T3 cells were treated with pervanadate (1 mM) at  $37^{\circ}$ 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% BSA.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.