

Phospho-SRC Family-Y416 Antibody kit

Catalog No.: RK06002

Basic Information

Observed MW

60kDa

Calculated MW

59kDa/60kDa

Category

Primary antibody

Recommended Dilutions

AP0480 WB 1:500 - 1:2000

A18240 WB 1:500 - 1:2000

For more information please visit
www.abclonal.com

Product Information

Source Rabbit
Isotype IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Contact

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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.

Component

Catalog No.	Product Name	Applications	Cross-Reactivity
AP0480	Phospho-SRC Family-Y416 Rabbit pAb	ELISA,WB	Human, Mouse, Rat
A18240	Src Rabbit pAb	ELISA,WB	Human, Mouse, Rat

Immunogen Information

Gene ID
2534/3055/3932/4067/6714/7525

Swiss Prot
P06241/P08631/P06239/P07948/P12931/P07947

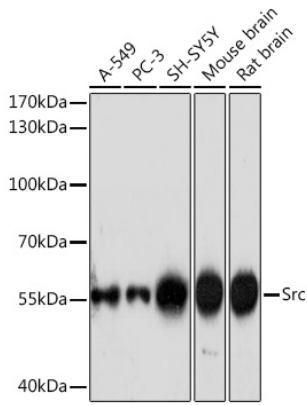
Immunogen

A synthetic phosphorylated peptide around Y416 of human SRC Family (NP_005408.1).
A synthetic peptide corresponding to a sequence within amino acids 430-530 of human Src (NP_005408.1).

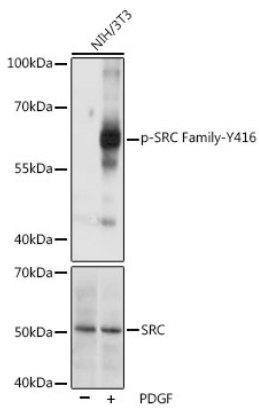
Synonyms

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

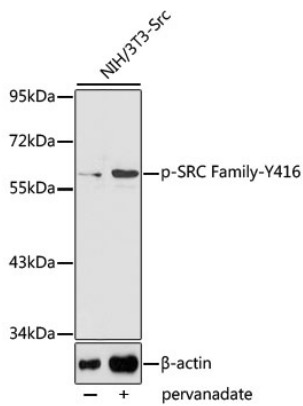
Validation Data



Western blot analysis of various lysates using Src pAb (A18240) at 1:1000 dilution.
 Secondary antibody: HRP 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: 90s.



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-SRC Family-Y416 Rabbit pAb (A18240). NIH/3T3 cells were treated by PDGF (100 ng/mL) at 37°C for 30 minutes after serum-starvation overnight.
 Secondary antibody: HRP 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: 60s.



Western blot analysis of lysates from NIH/3T3-Src cells, using Phospho-SRC Family-Y416 Rabbit pAb (AP0480).
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% BSA.