

For Research Use Only

# c-SRC Polyclonal antibody

Catalog Number: 25978-1-AP

5 Publications



## Basic Information

Catalog Number:

25978-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22415

GenBank Accession Number:

BC011566

GeneID (NCBI):

6714

ENSEMBL Gene ID:

ENSG00000197122

UNIPROT ID:

P12931

Full Name:

v-src sarcoma (Schmidt-Ruppin A-2)  
viral oncogene homolog (avian)

Calculated MW:

60 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:100-1:400

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

mouse, hamster, human

Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

Positive Controls:

WB : A431 cells, CHO cells, COLO 320 cells, Jurkat  
cells, mouse brain tissue

IHC : human breast cancer tissue,

## Background Information

SRC, also named as SRC1 and p60-Src, belongs to the protein kinase superfamily, Tyr protein kinase family and SRC subfamily. It is a non-receptor protein tyrosine kinase that plays pivotal roles in numerous cellular processes such as proliferation, migration, and transformation. In concert with PTK2B, SRC plays an important role in osteoclastic bone resorption. It promotes energy production in osteoclasts by activating mitochondrial cytochrome C oxidase.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yukiko Nishiguchi	31040910	Oncotarget	WB
Lin Zhao	33508290	Life Sci	WB
Lichao Qian	39544939	Front Immunol	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

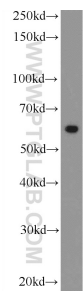
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

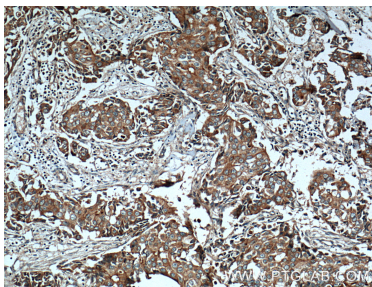
W: [ptgcn.com](http://ptgcn.com)

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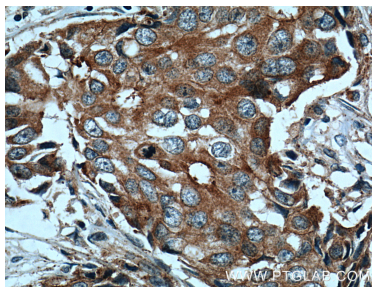
Selected Validation Data



A431 cells were subjected to SDS PAGE followed by western blot with 25978-1-AP (c-SRC Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 25978-1-AP (c-SRC Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 25978-1-AP (c-SRC Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).