

For Research Use Only

c-SRC Polyclonal antibody

Catalog Number: 25978-1-AP **2 Publications**



Basic Information

Catalog Number: 25978-1-AP	GenBank Accession Number: BC011566	Purification Method: Antigen affinity purification
Size: 400 µg/ml	GeneID (NCBI): 6714	Recommended Dilutions: WB 1:500-1:2000 IHC 1:100-1:400
Source: Rabbit	ENSEMBL Gene ID: ENSG00000197122	
Isotype: IgG	UNIPROT ID: P12931	
Immunogen Catalog Number: AG22415	Full Name: v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	
	Calculated MW: 60 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: A431 cells, CHO cells, COLO 320 cells, Jurkat cells, mouse brain tissue
Species Specificity: mouse, hamster, human	IHC: human breast cancer tissue,
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

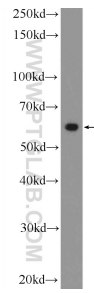
Storage

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

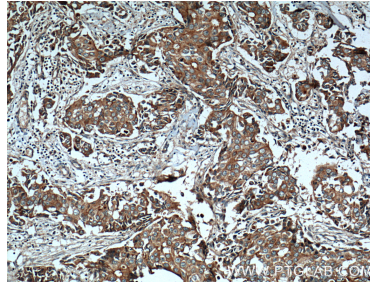
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

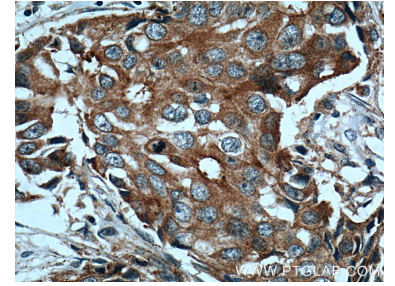
Selected Validation Data



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).