antibodies -online.com







Images

Target Details

Alternative Name:

Target Type:

Background:

Src

C-Src (Src Products)

Viral Protein

Target:



Go to Product page

Overview	
Quantity:	0.4 mL
Target:	Src
Binding Specificity:	AA 1-30
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Src antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)
Product Details	
Immunogen:	A portion of amino acids 1-30 from the human protein was used as the immunogen for this c-Src antibody.
Isotype:	Ig Fraction
Purification:	Purified

The gene for Src is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene

Target Details

may play a role in the regulation of embryonic development and cell growth. It is a tyrosineprotein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in Src could be involved in the malignant progression of colon cancer.

UniProt:

P12931

Pathways:

JAK-STAT Signaling, Neurotrophin Signaling Pathway, Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Cellular Response to Molecule of Bacterial Origin, Cell-Cell Junction Organization, Regulation of Carbohydrate Metabolic Process, Autophagy, CXCR4-mediated Signaling Events, Signaling Events mediated by VEGFR1 and VEGFR2, Smooth Muscle Cell Migration, Negative Regulation of intrinsic apoptotic Signaling, Platelet-derived growth Factor Receptor Signaling, Thromboxane A2 Receptor Signaling, Signaling of Hepatocyte Growth Factor Receptor, VEGF Signaling

Application Details

Δn	plication	Notes:
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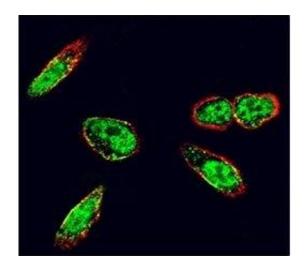
Titration of the c-Src antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Immunofluorescence: 1:10-1:50

Restrictions:

For Research Use only

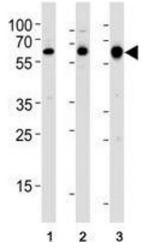
Handling

папишту	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the c-Src antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



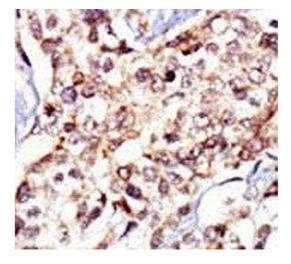
Immunofluorescence

Image 1. Confocal immunofluorescent analysis of c-Src antibody with A375 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red).



Western Blotting

Image 2. Western blot analysis of lysate from (1) human MCF-7, (2) rat PC-12, and (3) mouse C2C12 cell line using c-Src antibody at 1:1000.



Immunohistochemistry

Image 3. IHC analysis of FFPE human breast carcinoma tissue stained with the c-Src antibody

Please check the product details page for more images. Overall 5 images are available for ABIN3029561.