Datasheet for ABIN6148428

anti-Src antibody (AA 1-80)

7 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	Src
Binding Specificity:	AA 1-80
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Src antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-80 of human Src (NP_005408.1).
Sequence:	MGSNKSKPKD ASQRRRSLEP AENVHGAGGG AFPASQTPSK PASADGHRGP SAAFAPAAAE PKLFGGFNSS DTVTSPQRAG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	Src

Target Details

Alternative Name:	SRC (Src Products)
Target Type:	Viral Protein
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.,ASV,SRC1,THC6,c-SRC,p60-Src,SRC,Epigenetics & Nuclear Signaling,Cancer,Signal Transduction,G protein signaling,G2/M DNA Damage Checkpoint,Kinase,Tyrosine kinases,ErbB-HER Signaling Pathway,MAPK-Erk Signaling Pathway,Cell Biology & Developmental Biology,Apoptosis,Inhibition of Apoptosis,Cell Adhesion,Gap Junctions,Cytoskeleton,Microtubules,Actins,Wnt/β-Catenin Signaling Pathway,Immunology & Inflammation,IL-6 Receptor Signaling Pathway,Cardiovascular,Angiogenesis,SRC
Molecular Weight:	59 kDa/60 kDa
Gene ID:	6714
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

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

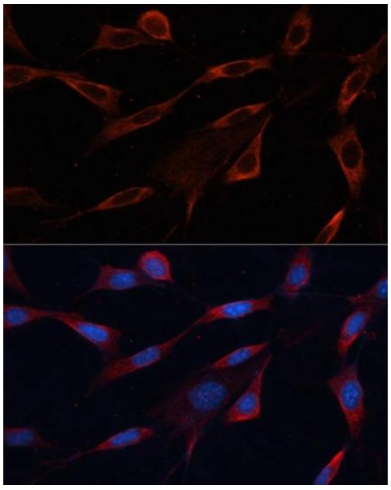
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Handling

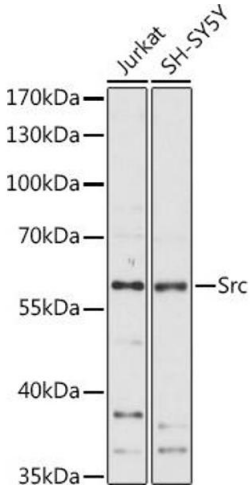
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



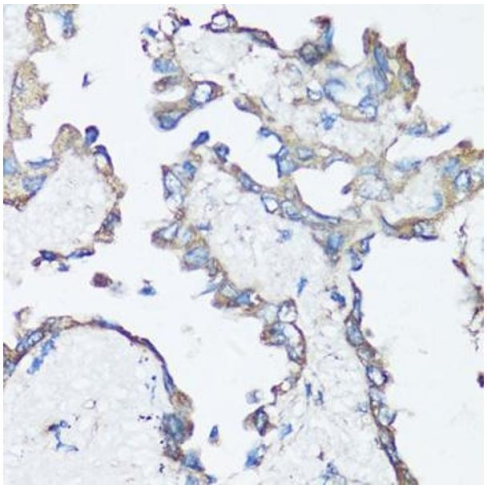
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using Src antibody (ABIN6132240, ABIN6148428, ABIN6148429 and ABIN6215399) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Src antibody (ABIN6132240, ABIN6148428, ABIN6148429 and ABIN6215399) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 5s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human lung cancer using Src antibody (ABIN6132240, ABIN6148428, ABIN6148429 and ABIN6215399) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 7 images are available for ABIN6148428.