

产品名称: c-Src (phospho Tyr529) Rabbit Polyclonal Antibody
产品货号: APRab04514



产品概述 (Summary)

产品名称 (Production Name)	c-Src (phospho Tyr529) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SRC
别名 (Alternative Names)	SRC; SRC1; Proto-oncogene tyrosine-protein kinase Src; Proto-oncogene c-Src; pp60c-src; p60-Src
基因 ID (Gene ID)	6714.0
蛋白 ID (SwissProt ID)	P12931.The antiserum was produced against synthesized peptide derived from human Src around the phosphorylation site of Tyr529. AA range:487-536

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	59kDa

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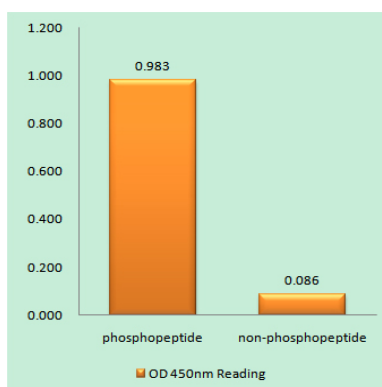
研究背景 (Background)

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. [provided by RefSeq, Jul 2008],catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,PTM:Phosphorylated on Tyr-530 by c-Src kinase (CSK). The phosphorylated form is termed pp60c-src. The phosphorylated tail interacts with the SH2 domain thereby repressing kinase activity.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SH3 domain.,subunit:Interacts with DDEF1/ASAP1; via the SH3 domain. Interacts with CCPG1 (By similarity). Interacts with CDCP1, PELP1, TGFBI1 and TOM1L2. Interacts with the cytoplasmic domain of MUC1, phosphorylates it and increases binding of MUC1 with beta-catenin. Interacts with RALGPS1; via the SH3 domain. Interacts with HEV ORF3 protein; via the SH3 domain.,

研究领域 (Research Area)

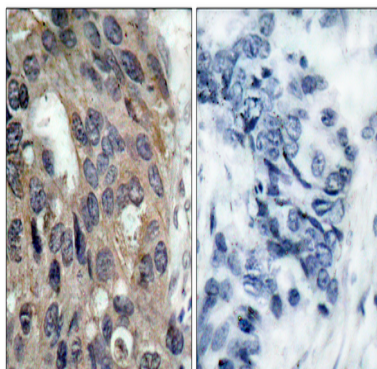
ErbB_HER;Endocytosis;VEGF;Focal adhesion;Adherens_Junction;Adherens_Junction;Gap junction;GnRH;Epithelial cell signaling in Helicobacter pylori infection;

图片 (Image Data)



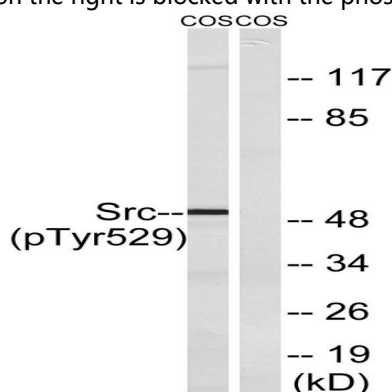
Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right) , using Src (Phospho-Tyr529) Antibody

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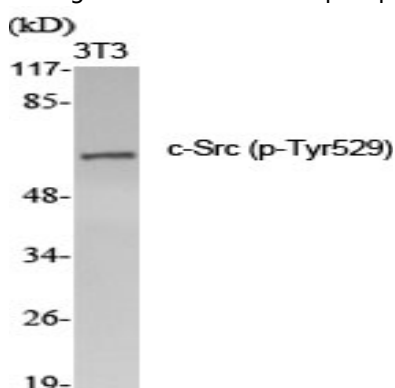
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Src (Phospho-Tyr529) Antibody.

The picture on the right is blocked with the phospho peptide.



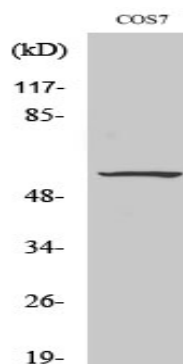
Western blot analysis of lysates from COS7 cells treated with PMA 125ng/ml 30 ', using Src (Phospho-Tyr529) Antibody.

The lane on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-c-Src (Y529) Polyclonal Antibody diluted at 1: 2000

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Western Blot analysis of COS7 cells using Phospho-c-Src (Y529) Polyclonal Antibody diluted at 1: 2000

注意事项 (Note)

For research use only .