

Anti-p-Src(Tyr416) Rabbit pAb



WLA0659

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-p-Src(Tyr416) Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	WB	1:1000-1:2000	
	IF	1:100-1:500	
Cellular localization	Cell junction,Cell membrane,Cytoplasm,Cytoskeleton,Mitochondrion, Nucleus.		
Pack size	50/100/200/500/1000μl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml		
	BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background	The Src family of protein tyrosine kinases, which includes Src, Lyn, Fyn, Yes, Lck, Blk, and Hck, are important in the regulation of growth and differentiation of eukaryotic cells. It is a protein tyrosine kinase known to regulate cellular adhesion. Src activity is regulated by tyrosine phosphorylation at two sites, but with opposing effects. While phosphorylation at Tyr416 in the activation loop of the kinase domain upregulates enzyme activity, phosphorylation at Tyr527 in the carboxy-terminal tail by Csk renders the enzyme less active. Several cancers including colon and breast cancer have been associated with an increase of Src activity.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of p-Src(Tyr416).
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

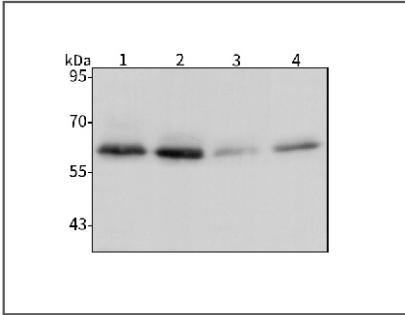
Anti-p-Src(Tyr416) Rabbit pAb



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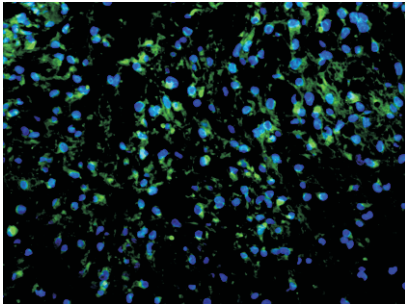
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Product Images



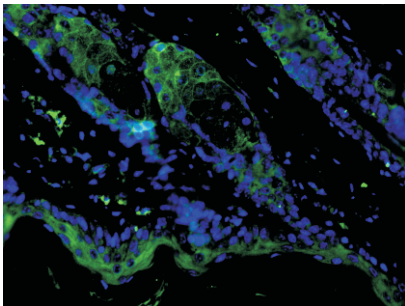
Western blot-Anti-p-Src(Tyr416) pAb

Lane 1: HUVEC Hela cell lasate
Lane 2: Human HEK293 cell lasate
Lane 3: Human HCT116 cell lasate
Lane 4: Human TPC-1 cell lasate
All lanes: Anti-p-Src(Tyr416) at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane
Predicted band size: 60 kDa
Observed band size: 60 kDa



Immunofluorescence-Anti-p-Src(Tyr416) pAb

Immunofluorescence analysis of paraffin-embedded human brain glioma using anti-p-Src(Tyr416) Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-p-Src(Tyr416) pAb

Immunofluorescence analysis of paraffin-embedded mouse skin using anti-p-Src(Tyr416) Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0