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**Product Name: Phospho-Src (Tyr530) Rabbit Monoclonal Antibody****Catalog #: AMRe02877**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 60 kDa; Observed MW: 60 kDa

**Antigen Information**

<b>Gene Name</b>	SRC
<b>Alternative Names</b>	SRC; SRC1; Proto-oncogene tyrosine-protein kinase Src; Proto-oncogene c-Src; pp60c-src; p60-Src
<b>Gene ID</b>	6714
<b>SwissProt ID</b>	P12931
<b>Immunogen</b>	A synthetic Phosphorylated peptide corresponding to residues target protein

**Background**

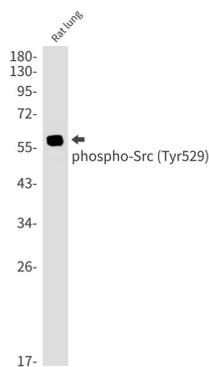
Src activity is regulated by tyrosine phosphorylation at two sites, but with opposing effects. While phosphorylation at Tyr416 in

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 (2).

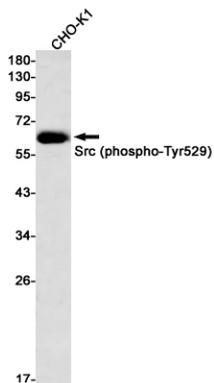
## Research Area

Signal Transduction

## Image Data



Western blot analysis of Phospho-Src (Tyr529) in rat lung lysates using Phospho-Src (Tyr530) antibody.



Western blot analysis of Src (Phospho-Tyr529) in CHO-K1 lysates using Src (Phospho-Tyr529) antibody.