

Src Family Antibody Sampler Kit

Cat# AK0267

Upon receipt, store at -20°C. Avoid freeze/thaw cycles.

PRODUCT DESCRIPTION

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. 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. The kinase Fyn plays a role in T-cell receptor signaling and also helps in memory formation and adhesion mediated signaling. Lymphocyte specific kinase Lck is essential in the differentiation and activation of T-cells. Hematopoietic Lyn kinase, also phosphorylated by Csk, is involved in the regulation of B-cell function, migration and development. The ubiquitously expressed kinase Yes acts downstream of several different cell surface receptors, including G-protein-coupled receptors, and is involved in the regulation of angiogenesis, the cell cycle and cell adhesion.

PRODUCT INCLUDES

Cat No.	Product name	Quantity	Applications	Reactivity	Host
A340491	c-SRC Polyclonal Antibody	20µL	WB, IHC, IF, ELISA	Human, Mouse, Rat	Rabbit
A340490	CSK Polyclonal Antibody	20µL	WB, IHC, ELISA	Human, Mouse, Rat	Rabbit
A340529	FYN Polyclonal Antibody	20µL	WB, ELISA	Human, Mouse, Rat	Rabbit
A340584	LCK Polyclonal Antibody	20µL	WB, ELISA	Human, Mouse, Rat	Rabbit
A340717	LYN Polyclonal Antibody	20µL	WB, ELISA	Human, Mouse, Rat	Rabbit
A1013s	Goat Anti-Rabbit IgG (H+L) (peroxidase/HRP conjugated)	120µL	WB, ELISA	Rabbit	Goat

PRODUCT USE LIMITATION

These products are intended for research use only.