

Sck Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08157
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human SHC2. AA range:261-310
Mol wt	58808
Species reactivity	Human, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Sck Antibody
Synonyms	SHC2; SCK; SHCB; SHC-transforming protein 2; Protein Sck; SHC-transforming protein B; Src homology 2 domain-containing-transforming protein C2; SH2 domain protein C2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Src homology 2 (SH2) domains bind specifically to tyrosine-phosphorylated proteins that temporally participate in signal transduction events. Shc-like protein (Sck) is a neuronal adaptor protein that contains an N-terminal PTB (phosphotyrosine binding) domain, a collagen homology (CH) domain, and a conserved C-terminal SH2 domain. Human Sck transcripts are present at high levels in liver, pancreas, prostate and ovary. In vascular endothelial cells, Sck participates in VEGF-induced signal transduction. Treatment of human umbilical vein endothelial (HUVEC) cells with VEGF induces recruitment of Sck to tyrosine-1175 of the kinase insert domain-containing receptor (KDR) and enhances Sck tyrosine phosphorylation.

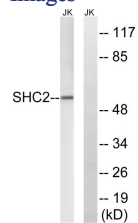
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of lysates from Jurkat cells, using SHC2 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year