

Product Name: Sck Rabbit Polyclonal Antibody**Catalog #: APRab17647**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:300
Molecular Weight	59kDa

Antigen Information

Gene Name	SHC2
Alternative Names	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
Gene ID	25759.0
SwissProt ID	P98077
Immunogen	The antiserum was produced against synthesized peptide derived from human SHC2. AA range:261-310

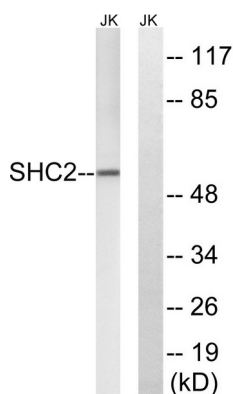
Background

domain:The PID domain mediates binding to the TrkA receptor.,function:Signaling adapter that couples activated growth factor receptors to signaling pathway in neurons. Involved in the signal transduction pathways of neurotrophin-activated Trk receptors in cortical neurons.,miscellaneous:PubMed:15057824 has shown that SHC2 is poorly phosphorylated by the Trk receptors, in opposite to PubMed:12006576.,PTM:Phosphorylated on tyrosines by the Trk receptors.,similarity:Contains 1 PID domain.,similarity:Contains 1 SH2 domain.,subunit:Interacts with the Trk receptors in a phosphotyrosine-dependent manner and MEGF12. Once activated, binds to GRB2.,tissue specificity:Expressed in brain. Expressed at high level in the hypothalamus and at low level in the caudate nucleus.,domain:The PID domain mediates binding to the TrkA receptor.,function:Signaling adapter that couples activated growth factor receptors to signaling pathway in neurons. Involved in the signal transduction pathways of neurotrophin-activated Trk receptors in cortical neurons.,miscellaneous:PubMed:15057824 has shown that SHC2 is poorly phosphorylated by the Trk receptors, in opposite to PubMed:12006576.,PTM:Phosphorylated on tyrosines by the Trk receptors.,similarity:Contains 1 PID domain.,similarity:Contains 1 SH2 domain.,subunit:Interacts with the Trk receptors in a phosphotyrosine-dependent manner and MEGF12. Once activated, binds to GRB2.,tissue specificity:Expressed in brain. Expressed at high level in the hypothalamus and at low level in the caudate nucleus.,

Research Area

ErbB_HER;Chemokine;VEGF;Focal adhesion;Natural killer cell mediated cytotoxicity;Neurotrophin;Insulin_Receptor;Glioma;Chronic myeloid leukemia;

Image Data



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