

Sck Polyclonal Antibody

Catalog No :	YT4222
Reactivity :	Human;Rat
Applications :	WB;IHC
Target :	Sck
Fields :	>>EGFR tyrosine kinase inhibitor resistance;>>Endocrine resistance;>>ErbB signaling pathway;>>Ras signaling pathway;>>Chemokine signaling pathway;>>Phospholipase D signaling pathway;>>VEGF signaling pathway;>>Focal adhesion;>>Natural killer cell mediated cytotoxicity;>>Neurotrophin signaling pathway;>>Insulin signaling pathway;>>Estrogen signaling pathway;>>Prolactin signaling pathway;>>Relaxin signaling pathway;>>Growth hormone synthesis, secretion and action;>>Alcoholism;>>Bacterial invasion of epithelial cells;>>Glioma;>>Chronic myeloid leukemia;>>Breast cancer;>>Hepatocellular carcinoma;>>Gastric cancer
Gene Name :	SHC2
Protein Name :	SHC-transforming protein 2
Human Gene Id :	25759
Human Swiss Prot No :	P98077
Mouse Swiss Prot No :	Q8BMC3
Rat Gene Id :	314612
Rat Swiss Prot No :	O70142
Immunogen :	The antiserum was produced against synthesized peptide derived from human SHC2. AA range:261-310
Specificity :	Sck Polyclonal Antibody detects endogenous levels of Sck protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	59kD
Cell Pathway :	ErbB_HER;Chemokine;VEGF;Focal adhesion;Natural killer cell mediated cytotoxicity;Neurotrophin;Insulin_Receptor;Glioma;Chronic myeloid leukemia;
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.,
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Subcellular Location :	intracellular,cytosol,plasma membrane,
Expression :	Expressed in brain. Expressed at high level in the hypothalamus and at low level in the caudate nucleus.

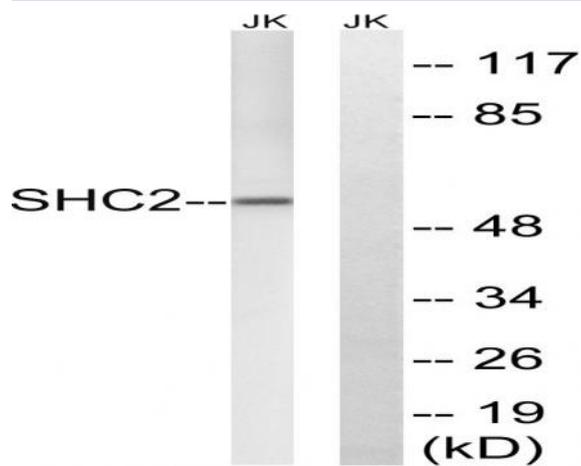
Sort : 16176

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



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



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).