

Product Name: KD-Validated SRC Rabbit Polyclonal Antibody**Catalog #: KVA00452**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit pAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 59.8kDa

Antigen Information

Gene Name	SRC
Alternative Names	SRC; SRC Proto-Oncogene, Non-Receptor Tyrosine Kinase; C-Src; SRC1; ASV; V-Src Avian Sarcoma (Schmidt-Ruppin A-2) Viral Oncogene Homolog; Proto-Oncogene Tyrosine-Protein Kinase Src; Proto-Oncogene C-Src; EC 2.7.10.2; P60-Src; Protooncogene SRC, Rous Sarcoma; Tyrosine-Protein Kinase SRC-1; Tyrosine Kinase Pp60c-Src; Pp60c-Src; EC 2.7.10; THC6
Gene ID	6714.0
SwissProt ID	P12931
Immunogen	A synthesized peptide derived from human c-SRC

Background

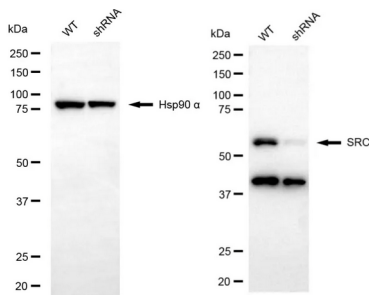
This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may play a role in the regulation of

embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in this gene could be involved in the malignant progression of colon cancer. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

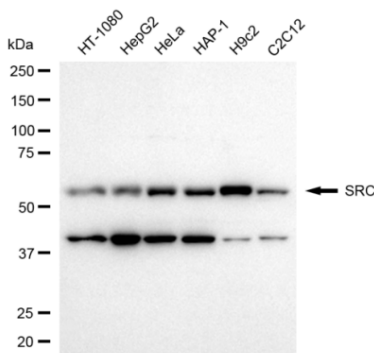
Research Area

Signal Transduction, Epigenetics and Nuclear Signaling, Cancer, Neuroscience

Image Data



Western blotting analysis using SRC antibody (KVA00452). SRC expression in wild-type (WT) and SRC shRNA knockdown (KD) HT-1080 cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with SRC antibody (KVA00452, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using SRC antibody (KVA00452). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with SRC antibody (KVA00452, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.