

Product Name: KD-Validated SLBP Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00324**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
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 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 31.3kDa

Antigen Information

Gene Name	SLBP
Alternative Names	SLBP; Stem-Loop Histone mRNA Binding Protein; HBP; Stem-Loop (Histone) Binding Protein; Histone RNA Hairpin-Binding Protein; Stem-Loop Binding Protein; Histone Binding Protein; Histone Stem-Loop Binding Protein; Histone Stem-Loop-Binding Protein; Hairpin Binding Protein, Histone
Gene ID	7884.0
SwissProt ID	Q14493
Immunogen	A synthesized peptide derived from human SLBP

Background

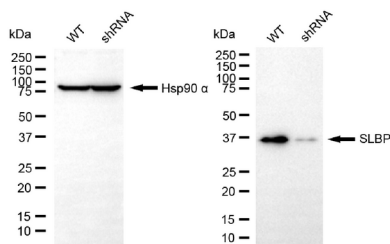
This gene encodes a protein that binds to the stem-loop structure in replication-dependent histone mRNAs. Histone mRNAs

do not contain introns or polyadenylation signals, and are processed by endonucleolytic cleavage. The stem-loop structure is essential for efficient processing but this structure also controls the transport, translation and stability of histone mRNAs. Expression of the protein is regulated during the cell cycle, increasing more than 10-fold during the latter part of G1. [provided by RefSeq, Jul 2008]

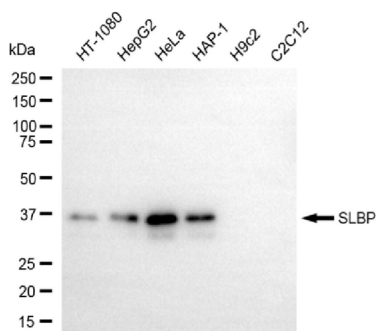
Research Area

Epigenetics and Nuclear Signaling

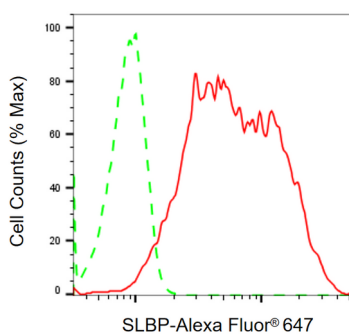
Image Data



Western blotting analysis using SLBP antibody (KVA00324). SLBP expression in wild-type (WT) and SLBP shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with SLBP antibody (KVA00324, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using SLBP antibody (KVA00324). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with SLBP antibody (KVA00324, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of SLBP expression in HeLa cells using SLBP antibody (KVA00324, 1:2,000). Green, isotype control; red, SLBP.