

Product Name: KD-Validated SPOP Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01945**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
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
Molecular Weight	Calculated MW: 42.1kDa

Antigen Information

Gene Name	SPOP
Alternative Names	SPOP; Speckle Type BTB/POZ Protein; Speckle-Type POZ Protein; BTBD32; TEF2; Roadkill Homolog 1; HIB Homolog 1; NEDMACE; NEDMIDF; NSDVS1; NSDVS2
Gene ID	8405.0
SwissProt ID	O43791
Immunogen	A synthesized peptide derived from human SPOP

Background

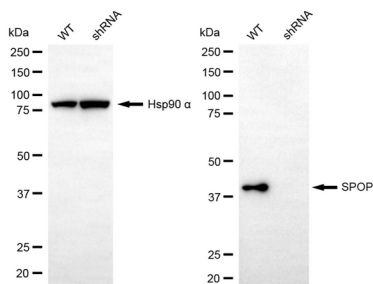
This gene encodes a protein that may modulate the transcriptional repression activities of death-associated protein 6 (DAXX), which interacts with histone deacetylase, core histones, and other histone-associated proteins. In mouse, the encoded protein binds to the putative leucine zipper domain of macroH2A1.2, a variant H2A histone that is enriched on inactivated X

chromosomes. The BTB/POZ domain of this protein has been shown in other proteins to mediate transcriptional repression and to interact with components of histone deacetylase co-repressor complexes. Alternative splicing of this gene results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]

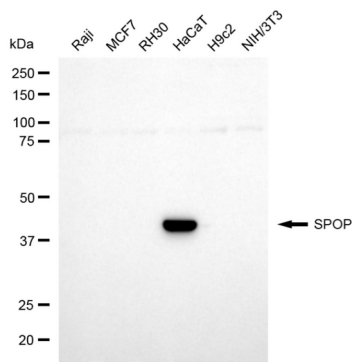
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blotting analysis using SPOP antibody (KVA01945). SPOP expression in wild-type (WT) and SPOP shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with SPOP antibody (KVA01945, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using SPOP antibody (KVA01945). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with SPOP antibody (KVA01945, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.