

Rabbit SPOP Polyclonal Antibody | anti-SPOP antibody

SPOP antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200084	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

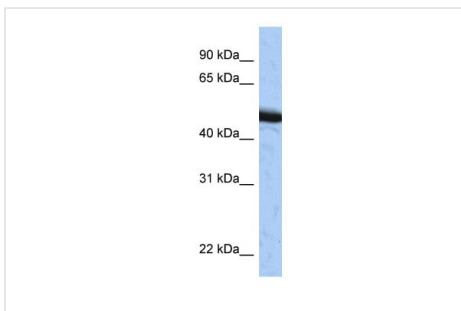
PRODUCT SYNONYMS

SPOP; Polyclonal Antibody; SPOP antibody - C-terminal region; anti-SPOP antibody

PRODUCT SPECIFICATIONS

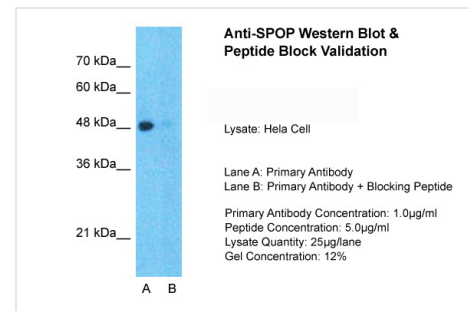
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: YH ASDVLETSGW KSMVVSHPHL VAEAYRSLAS AQCPFLGPPR KRLKQS
Sequence Length	374
Applicable Applications for anti-SPOP antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human SPOP
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



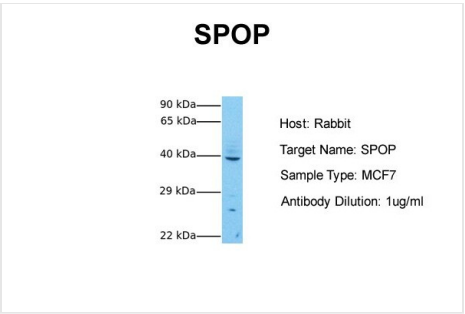
WB (Western Blot)

WB Suggested Anti-SPOP Antibody Titration: 0.2-1 ug/ml
Positive Control: HepG2 cell lysate
SPOP is supported by BioGPS gene expression data to be expressed in HepG2



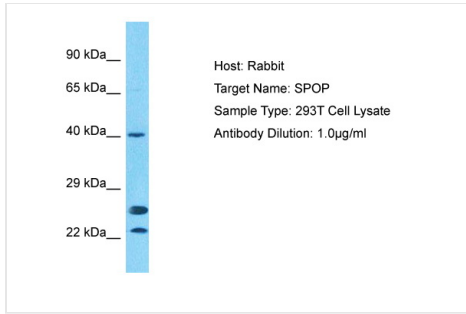
WB (Western Blot)

Host: Rabbit
Target Name: SPOP
Sample Type: HeLa
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 1ug/ml
Peptide Concentration: 5.0ug/ml
Lysate Quantity: 25ug/lane
Gel Concentration: 0.12



WB (Western Blot)

Host: RabbitTarget Name: SPOPSample Tissue: Human MCF7Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: SPOPSample Tissue: Human 293T Whole CellAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SPOP antibody	This is a rabbit polyclonal antibody against SPOP. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SPOP 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 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. 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.
Product Categories/Family for anti-SPOP antibody	Polyclonal ; Chromatin & Nuclear Signaling ; Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	56117836
NCBI GeneID	8405
NCBI Accession #	NP_001007227
NCBI GenBank Nucleotide #	NM_001007226
UniProt Accession #	O43791
Molecular Weight	42kDa
NCBI Official Full Name	speckle-type POZ protein
NCBI Official Synonym Full Names	speckle type BTB/POZ protein
NCBI Official Symbol	SPOP
NCBI Official Synonym Symbols	TEF2; BTBD32
NCBI Protein Information	speckle-type POZ protein
UniProt Protein Name	Speckle-type POZ protein
UniProt Gene Name	SPOP
UniProt Entry Name	SPOP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/spop-antibody-western-blot-elisa/200084>