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anti-SPOP-B antibody (C-Term)



Images



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Quantity:	100 μL
Target:	SPOP-B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPOP-B antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SPOP
Immunogen: Sequence:	The immunogen is a synthetic peptide directed towards the C terminal region of human SPOP YHASDVLETS GWKSMVVSHP HLVAEAYRSL ASAQCPFLGP PRKRLKQS
Sequence:	YHASDVLETS GWKSMVVSHP HLVAEAYRSL ASAQCPFLGP PRKRLKQS Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit:
Sequence: Predicted Reactivity:	YHASDVLETS GWKSMVVSHP HLVAEAYRSL ASAQCPFLGP PRKRLKQS Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100% This is a rabbit polyclonal antibody against SPOP. It was validated on Western Blot using a cell
Sequence: Predicted Reactivity: Characteristics:	YHASDVLETS GWKSMVVSHP HLVAEAYRSL ASAQCPFLGP PRKRLKQS Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100% This is a rabbit polyclonal antibody against SPOP. It was validated on Western Blot using a cell lysate as a positive control.

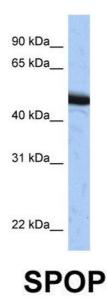
Target Details

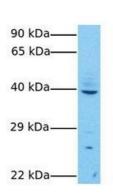
Alternative Name:	SPOP (SPOP-B Products)		
Background:	SPOP may modulate the transcriptional repression activities of death-associated protein 6		
	(DAXX), which interacts with histone deacetylase, core histones, and other histone-associated		
	proteins. In mouse, the protein binds to the putative leucine 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.		
	Alias Symbols: TEF2		
	Protein Interaction Partner: CUL3, SPOP, DEK, GLI2, AR, ATM, RXRB, MYD88, DAXX, NCOA3,		
	SRRM1, GIT2, FADD, PIAS1, UBC, UBE2E3, PIP4K2B, ESR1, BMI1, RTN3, H2AFY, DPPA2,		
	ZBTB16, HCST, TRAF1, PDX1, DDIT3, TRAF6, SIRT2, DOK2, PIP5K1B, GDI1, KPNA6,		
	Protein Size: 374		
Molecular Weight:	42 kDa		
Gene ID:	8405		
NCBI Accession:	NM_001007226, NP_001007227		
UniProt:	043791		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
	Antigen size: 374 AA		
Comment:	7 (11dge11 5/22: 57 17 (1		
Comment: Restrictions:	For Research Use only		

Handling

Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



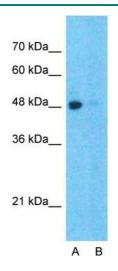


Western Blotting

Image 1. 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

Western Blotting

Image 2. Host: Rabbit Target Name: SPOP Sample Tissue: Human MCF7 Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. 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: 5ug/ml Lysate Quantity: 25ug/lane/lane Gel Concentration: 0.12