antibodies -online.com





anti-SPOP-B antibody (Internal Region)



Images



Go to Product page

\sim				٠			
	١ ١	Δ	rv	I		1/	1
\cup	v	C	ΙV	ı	$\overline{}$	٧	V

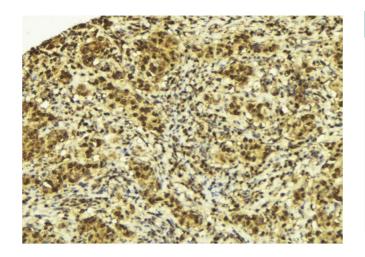
Quantity:	100 μL
Target:	SPOP-B
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPOP-B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	

Immunogen:	A synthesized peptide derived from human SPOP, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	SPOP Antibody detects endogenous levels of total SPOP.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

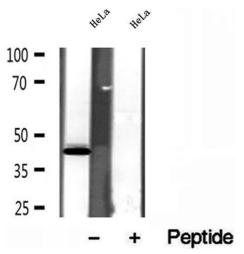
Target Details

Alternative Name:	SPOP (SPOP-B Products)	
Background:	Description: Component of a cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein	
	ligase complex that mediates the ubiquitination of target proteins, leading most often to their	
	proteasomal degradation. In complex with CUL3, involved in ubiquitination and proteasomal	
	degradation of BRMS1, DAXX, PDX1/IPF1, GLI2 and GLI3. In complex with CUL3, involved in	
	ubiquitination of H2AFY and BMI1, this does not lead to their proteasomal degradation. Inhibits	
	transcriptional activation of PDX1/IPF1 targets, such as insulin, by promoting PDX1/IPF1	
	degradation. The cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex	
	containing homodimeric SPOP has higher ubiquitin ligase activity than the complex that	
	contains the heterodimer formed by SPOP and SPOPL.	
	Gene: SPOP	
Molecular Weight:	42 kDa	
Gene ID:	8405	
UniProt:	043791	
Application Details		
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %	
	glycerol.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.	
Expiry Date:	12 months	



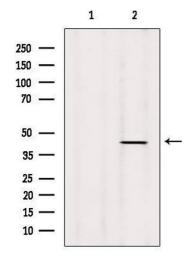
Immunohistochemistry

Image 1. ABIN6272950 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis of extracts of HeLa cells, using SPOP antibody.



Western Blotting

Image 3. Western blot analysis of extracts from Hybridoma cells, using SPOP Antibody. Lane 1 was treated with the blocking peptide.