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anti-SKP1 antibody (Internal Region)





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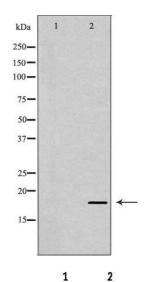
Quantity:	100 μL	
Target:	SKP1	
Binding Specificity:	Internal Region	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SKP1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)	
Product Details		
Immunogen:	A synthesized peptide derived from human Skp1, corresponding to a region within the internal amino acids.	
Isotype:	IgG	
Specificity:	Skp1 Antibody detects endogenous levels of total Skp1.	
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:	SKP1	

Alternative Name:	SKP1 (SKP1 Products)		
Background:	Description: Essential component of the SCF (SKP1-CUL1-F-box protein) ubiquitin ligase		
	complex, which mediates the ubiquitination of proteins involved in cell cycle progression, signa		
	transduction and transcription. In the SCF complex, serves as an adapter that links the F-box		
	protein to CUL1. The functional specificity of the SCF complex depends on the F-box protein as		
	substrate recognition component. SCF(BTRC) and SCF(FBXW11) direct ubiquitination of		
	CTNNB1 and participate in Wnt signaling. SCF(FBXW11) directs ubiquitination of		
	phosphorylated NFKBIA. SCF(BTRC) directs ubiquitination of NFKBIB, NFKBIE, ATF4, SMAD3,		
	SMAD4, CDC25A, FBXO5, CEP68 and probably NFKB2 (PubMed:25704143). SCF(SKP2) directs		
	ubiquitination of phosphorylated CDKN1B/p27kip and is involved in regulation of G1/S		
	transition. SCF(SKP2) directs ubiquitination of ORC1, CDT1, RBL2, ELF4, CDKN1A, RAG2,		
	FOXO1A, and probably MYC and TAL1. SCF(FBXW7) directs ubiquitination of cyclin E, NOTCH1		
	released notch intracellular domain (NICD), and probably PSEN1. SCF(FBXW2) directs		
	ubiquitination of GCM1. SCF(FBXO32) directs ubiquitination of MYOD1. SCF(FBXO7) directs		
	ubiquitination of BIRC2 and DLGAP5. SCF(FBXO33) directs ubiquitination of YBX1.		
	SCF(FBXO11) directs ubiquitination of BCL6 and DTL but does not seem to direct ubiquitination		
	of TP53. SCF(BTRC) mediates the ubiquitination of NFKBIA at 'Lys-21' and 'Lys-22', the		
	degradation frees the associated NFKB1-RELA dimer to translocate into the nucleus and to		
	activate transcription. SCF(CCNF) directs ubiquitination of CCP110. SCF(FBXL3) and		
	SCF(FBXL21) direct ubiquitination of CRY1 and CRY2. SCF(FBXO9) directs ubiquitination of		
	TTI1 and TELO2. SCF(FBXO10) directs ubiquitination of BCL2.		
	Gene: SKP1		
Molecular Weight:	18kDa		
Gene ID:	6500		
UniProt:	P63208		
Pathways:	Cell Division Cycle, Hedgehog Signaling, Mitotic G1-G1/S Phases		
Application Details			
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000		
Restrictions:	For Research Use only		
Handling			
	Liquid		

Handling

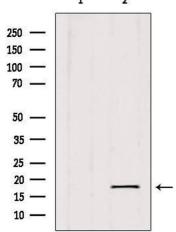
Concentration:	1 mg/mL	
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.	
Expiry Date:	12 months	

Images



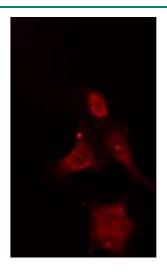
Western Blotting

Image 1. Western blot analysis of Hela whole cell lysates, using SKP1 Antibody. The lane on the left is treated with the antigen-specific peptide.



Western Blotting

Image 2. Western blot analysis of extracts from 293, using SKP1 Antibody. Lane 1 was treated with the blocking peptide.



Immunofluorescence (fixed cells)

Image 3. ABIN6277278 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod

Please check the product details page for more images. Overall 4 images are available for ABIN6265102.