

Rabbit SKP1 Polyclonal Antibody | anti-SKP1 antibody

SKP1 Antibody

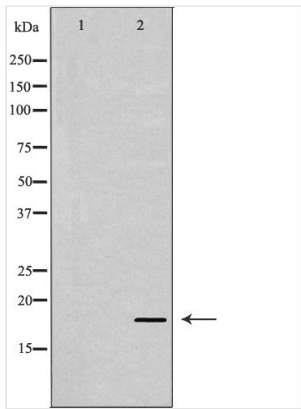
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326768	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SKP1; Polyclonal Antibody; SKP1 Antibody; Cyclin A/CDK2 associated p19; Cyclin A/CDK2 associated protein p19; Cyclin-A/CDK2-associated protein p19; EMC19; MGC34403; OCP 2; OCP II; OCP II protein; OCP-2; OCP-II; OCP2; OCPII; Organ of Corti protein 2; Organ of Corti protein II; OTTHUMP00000159379; OTTHUMP00000159380; OTTHUMP00000228275; OTTHUMP00000228276; OTTHUMP00000228278; OTTHUMP00000228279; OTTHUMP00000228281; p19A; p19skp1; RNA polymerase II elongation factor like protein; RNA polymerase II elongation factor like protein OCP2; RNA polymerase II elongation factor-like protein; S phase kinase associated protein 1; S phase kinase associated protein 1A; S phase kinase associated protein 1A p19A; S-phase kinase-associated protein 1; SIII; Skp 1; SKP 1A; skp1; SKP1_HUMAN; SKP1A; TCEB1L; Transcription Elongation Factor B 1 like; Transcription elongation factor B; Transcription elongation factor B SIII polypeptide 1 like; anti-SKP1 antibody

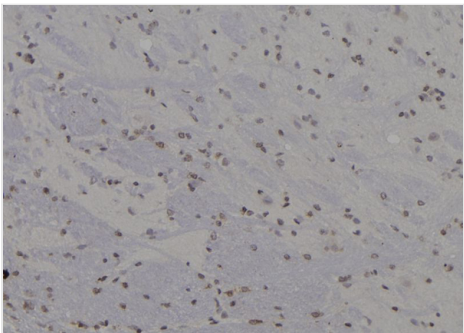
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SKP1 antibody detects endogenous levels of total SKP1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	160
Applicable Applications for anti-SKP1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SKP1
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



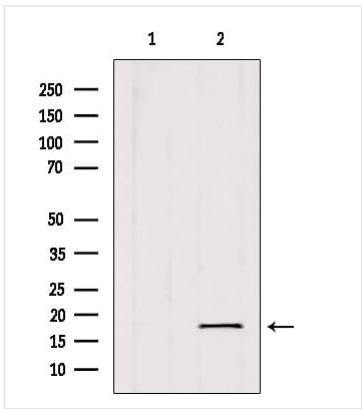
WB (Western Blot)

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



IHC (Immunohistochemistry)

AAA326768 at 1/100 staining Rat brain 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 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

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



IF (Immunofluorescence)

AAA326768 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 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SKP1 antibody	Description: This gene encodes a component of SCF complexes, which are composed of this protein, cullin 1, a ring-box protein, and one member of the F-box family of proteins. This protein binds directly to the F-box motif found in F-box proteins. SCF complexes are involved in the regulated ubiquitination of specific protein substrates, which targets them for degradation by the proteasome. Specific F-box proteins recognize different target protein(s), and many specific SCF substrates have been identified including regulators of cell cycle progression and development. Studies have also characterized the protein as an RNA polymerase II elongation factor. Alternative splicing of this gene results in two transcript variants. A related pseudogene has been identified on chromosome 7. Function: Essential component of the SCF (SKP1-CUL1-F-box protein) ubiquitin ligase complex, which mediates the ubiquitination of proteins involved in cell cycle progression, signal 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 TEO2. SCF(FBXO10) directs ubiquitination of BCL2. Similarity: Belongs to the SKP1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25777711
NCBI GeneID	6500
NCBI Accession #	NP_008861.2
NCBI GenBank Nucleotide #	NM_006930.3
UniProt Accession #	P63208; P34991; Q8TAY2; D3DQ97; D3DQ98
Molecular Weight	Observed: 18 kDa Predicted: 19 kDa
NCBI Official Full Name	S-phase kinase-associated protein 1 isoform a
NCBI Official Synonym Full Names	S-phase kinase associated protein 1
NCBI Official Symbol	SKP1
NCBI Official Synonym Symbols	OCP2; p19A; EMC19; SKP1A; OCP-II; TCEB1L
NCBI Protein Information	S-phase kinase-associated protein 1
UniProt Protein Name	S-phase kinase-associated protein 1
UniProt Gene Name	SKP1
UniProt Synonym Gene Names	EMC19; OCP2; SKP1A; TCEB1L; p19A; OCP-2; OCP-II

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://stage.aaabiotech.com/polyclonal/skp1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326768>