

Rabbit SKP1A Polyclonal Antibody | anti-SKP1A antibody

Phospho-SKP1A (Thr131) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328235	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SKP1A; Polyclonal Antibody; Phospho-SKP1A (Thr131) 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; TCEB1L; Transcription Elongation Factor B 1 like; Transcription elongation factor B; Transcription elongation factor B SIII polypeptide 1 like; anti-SKP1A antibody

PRODUCT SPECIFICATIONS

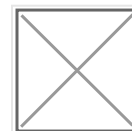
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-SKP1A(Thr131) Antibody detects endogenous levels of SKP1A only when phosphorylated at Thr131.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
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-SKP1A antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SKP1A around the phosphorylation site of Thr131.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Phospho-SKP1A(Thr131) in lysates of COS7, using Phospho-SKP1A(Thr131) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining mouse kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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



IHC (Immunohistochemistry)

At 1/100 staining rat kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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



IHC (Immunohistochemistry)

At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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

ADDITIONAL INFORMATION

Related Product Information for anti-SKP1A antibody

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, 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.

Subunit Structure: Component of multiple SCF (SKP1-CUL1-F-box) E3 ubiquitin-protein ligase complexes formed of CUL1, SKP1, RBX1 and a variable F-box domain-containing protein as substrate-specific subunit. Component of the SCF(FBXW11) complex containing FBXW11. Component of the SCF(SKP2) complex containing SKP2, in which it interacts directly with SKP1, SKP2 and RBX1. Component of the SCF(FBXW2) complex containing FBXW2. Component of the SCF(FBXO32) complex containing FBXO32. Component of the probable SCF(FBXO7) complex containing FBXO7. Component of the SCF(FBXO10) complex containing FBXO10. Component of the SCF(FBXO11) complex containing FBXO11. Component of the SCF(FBXO25) complex containing FBXO25. Component of the SCF(FBXO33) complex containing FBXO33. Component of the probable SCF(FBXO4) complex containing FBXO4. Component of the SCF(FBXO44) complex, composed of SKP1, CUL1 and FBXO44. Component of the SCF(BTRC) complex, composed of SKP1, CUL1 and BTRC. This complex binds phosphorylated NFKBIA. Part of a SCF complex consisting of CUL1, RBX1, SKP1 and FBXO2. Component of a SCF(SKP2)-like complex containing CUL1, SKP1, TRIM21 and SKP2. Component of the SCF(FBXO17) complex, composed of SKP1, CUL1 and FBXO17. Component of the SCF(FBXO27) complex, composed of SKP1, CUL1 and FBXO27. Component of the SCF(CCNF) complex consisting of CUL1, RBX1, SKP1 and CCNF. Component of the SCF(FBXL3) complex composed of CUL1, SKP1, RBX1 and FBXL3. Component of the SCF(FBXL21) complex composed of CUL1, SKP1, RBX1 and FBXL21. Component of the SCF(FBXO9) composed of CUL1, SKP1, RBX1 and FBXO9. Component of the SCF(FBXW7) composed of CUL1, SKP1, RBX1 and FBXW7. Interacts with CEP68 (PubMed:25503564). Interacts with NOTCH2 (PubMed:29149593).

Similarity: Belongs to the SKP1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777711
NCBI GeneID	6500
NCBI Accession #	NP_008861.2
NCBI GenBank Nucleotide #	NP_008861.2
UniProt Accession #	P63208

Molecular Weight	Observed: 19 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; OCP-2; OCP-II
UniProt Entry Name	SKP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/skp1a-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328235>