

SKP2 Rabbit mAb
Catalog # AP76712**Specification**

SKP2 Rabbit mAb - Product Information

Application	WB
Primary Accession	O13309
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	47761

SKP2 Rabbit mAb - Additional Information**Gene ID** 6502**Other Names**

SKP2

Dilution

WB~~1/500-1/1000

Format

Liquid

SKP2 Rabbit mAb - Protein Information**Name** SKP2**Synonyms** FBXL1**Function**

Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription (PubMed:11931757, PubMed:12435635, PubMed:12769844, PubMed:12840033, PubMed:15342634, PubMed:15668399, PubMed:15949444, PubMed:16103164, PubMed:16262255, PubMed:16581786, PubMed:16951159, PubMed:17908926, PubMed:17962192, PubMed:<a

[22464731](http://www.uniprot.org/citations/22464731), PubMed: [22770219](http://www.uniprot.org/citations/22770219), PubMed: [32267835](http://www.uniprot.org/citations/32267835)). Specifically recognizes phosphorylated CDKN1B/p27kip and is involved in regulation of G1/S transition (By similarity). Degradation of CDKN1B/p27kip also requires CKS1 (By similarity). Recognizes target proteins ORC1, CDT1, RBL2, KMT2A/MLL1, CDK9, RAG2, NBN, FOXO1, UBP43, YTHDF2, and probably MYC, TOB1 and TAL1 (PubMed: [11931757](http://www.uniprot.org/citations/11931757) target= "_blank">11931757, PubMed: [12435635](http://www.uniprot.org/citations/12435635) target= "_blank">12435635, PubMed: [12769844](http://www.uniprot.org/citations/12769844) target= "_blank">12769844, PubMed: [12840033](http://www.uniprot.org/citations/12840033) target= "_blank">12840033, PubMed: [15342634](http://www.uniprot.org/citations/15342634) target= "_blank">15342634, PubMed: [15668399](http://www.uniprot.org/citations/15668399) target= "_blank">15668399, PubMed: [15949444](http://www.uniprot.org/citations/15949444) target= "_blank">15949444, PubMed: [16103164](http://www.uniprot.org/citations/16103164) target= "_blank">16103164, PubMed: [16581786](http://www.uniprot.org/citations/16581786) target= "_blank">16581786, PubMed: [16951159](http://www.uniprot.org/citations/16951159) target= "_blank">16951159, PubMed: [17908926](http://www.uniprot.org/citations/17908926) target= "_blank">17908926, PubMed: [17962192](http://www.uniprot.org/citations/17962192) target= "_blank">17962192, PubMed: [22464731](http://www.uniprot.org/citations/22464731) target= "_blank">22464731, PubMed: [32267835](http://www.uniprot.org/citations/32267835) target= "_blank">32267835). Degradation of TAL1 also requires STUB1 (PubMed: [17962192](http://www.uniprot.org/citations/17962192) target= "_blank">17962192). Recognizes CDKN1A in association with CCNE1 or CCNE2 and CDK2 (PubMed: [16262255](http://www.uniprot.org/citations/16262255) target= "_blank">16262255). Promotes ubiquitination and destruction of CDH1 in a CK1-dependent manner, thereby regulating cell migration (PubMed: [22770219](http://www.uniprot.org/citations/22770219) target= "_blank">22770219). Following phosphorylation in response to DNA damage, mediates 'Lys-63'-linked ubiquitination of NBN, promoting ATM recruitment to DNA damage sites and DNA repair via homologous recombination (PubMed: [22464731](http://www.uniprot.org/citations/22464731) target= "_blank">22464731).

Cellular Location

Cytoplasm. Nucleus

SKP2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SKP2 Rabbit mAb - Images



