

# SKP2 Rabbit mAb

Catalog # AP76712

## Product Information

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<b>Application</b>	WB, ICC
<b>Primary Accession</b>	<a href="#">Q13309</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	47761

## Additional Information

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<b>Gene ID</b>	6502
<b>Other Names</b>	SKP2
<b>Dilution</b>	WB~~1/500-1/1000 ICC~~N/A
<b>Format</b>	Liquid

## Protein Information

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<b>Name</b>	SKP2
<b>Synonyms</b>	FBXL1
<b>Function</b>	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: <a href="#">9736735</a> , PubMed: <a href="#">11931757</a> , PubMed: <a href="#">12435635</a> , PubMed: <a href="#">12769844</a> , PubMed: <a href="#">12840033</a> , PubMed: <a href="#">15342634</a> , PubMed: <a href="#">15668399</a> , PubMed: <a href="#">15949444</a> , PubMed: <a href="#">16103164</a> , PubMed: <a href="#">16262255</a> , PubMed: <a href="#">16581786</a> , PubMed: <a href="#">16951159</a> , PubMed: <a href="#">17908926</a> , PubMed: <a href="#">17962192</a> , PubMed: <a href="#">22464731</a> , PubMed: <a href="#">22770219</a> , PubMed: <a href="#">32267835</a> ). 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: <a href="#">11931757</a> , PubMed: <a href="#">12435635</a> , PubMed: <a href="#">12769844</a> , PubMed: <a href="#">12840033</a> , PubMed: <a href="#">15342634</a> , PubMed: <a href="#">15668399</a> , PubMed: <a href="#">15949444</a> , PubMed: <a href="#">16103164</a> , PubMed: <a href="#">16581786</a> , PubMed: <a href="#">16951159</a> , PubMed: <a href="#">17908926</a> , PubMed: <a href="#">17962192</a> , PubMed: <a href="#">22464731</a> , PubMed: <a href="#">32267835</a> ). Degradation of TAL1 also requires STUB1 (PubMed: <a href="#">17962192</a> ). Recognizes CDKN1A in association with CCNE1 or CCNE2 and CDK2 (PubMed: <a href="#">9736735</a> ,

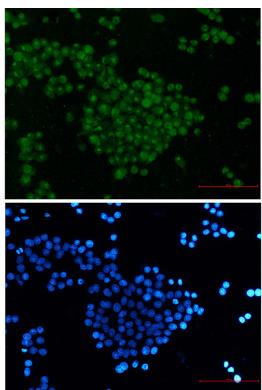
PubMed:[16262255](#)). Promotes ubiquitination and destruction of CDH1 in a CK1-dependent manner, thereby regulating cell migration (PubMed:[22770219](#)). Following phosphorylation in response to DNA damage, mediates 'Lys-63'-linked ubiquitination of NBN, promoting ATM recruitment to DNA damage sites and DNA repair via homologous recombination (PubMed:[22464731](#)).

**Cellular Location**

Cytoplasm. Nucleus

**Images**

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