

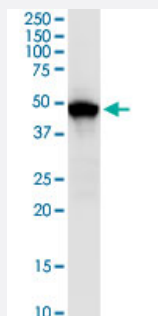
MaxPab®

SKP2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00006502-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of SKP2 transfected lysate using anti-SKP2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SKP2 purified MaxPab mouse polyclonal antibody (B01P) ([H00006502-B01P](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SKP2 protein.
Immunogen	SKP2 (NP_005974.2, 1 a.a. ~ 424 a.a) full-length human protein.
Sequence	MHRKHLQEIPDLSSNVATSFTWGWDSSTSELLSGMGVSALEKEEPDSENIPQELLSNLGHPES PPRKRLKSKGSDKDFVIVRRPKLNRENFPGVSWDSLPDELLLGIFSCCLPELLKVSGVCKRWY RLASDESLWQTLDTGKNLHPDVTGRLLSQGVIAFRCPFSFMDQPLAEHFSPFRVQHMDLSNSVI EVSTLHGILSQCSKLQNLSEGLRLSDPVMNTLAKNSNLVRLNLSGCSGFSEFALQTLSSCSRDL ELNLSWCFDFTEKHVQVAVAHVSETITQLNLSGYRKNLQKSDLSTLVRRCPNLVHLDLSDSVMK NDCFQEFFQLNYLQHLSLSRCYDIIPETLLELGEIPTLKTQVFGVMPDGTLLKEALPHLQINCSEH TTIARPTIGNKKNQEIWGIKRLTLQKPSCL
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — SKP2

Entrez GeneID [6502](#)

GeneBank Accession# [NM_005983](#)

Protein Accession# [NP_005974.2](#)

Gene Name SKP2

Gene Alias FBL1, FBXL1, FLB1, MGC1366

Gene Description S-phase kinase-associated protein 2 (p45)

Omim ID [601436](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbls class; in addition to an F-box, this protein contains 10 tandem leucine-rich repeats. This protein is an essential element of the cyclin A-CDK2 S-phase kinase. It specifically recognizes phosphorylated cyclin-dependent kinase inhibitor 1B (CDKN1B, also referred to as p27 or KIP1) predominantly in S phase and interacts with S-phase kinase-associated protein 1 (SKP1 or p19). In addition, this gene is established as a protooncogene causally involved in the pathogenesis of lymphomas. Alternative splicing of this gene generates 2 transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations CDK2/cyclin A-associated protein p45|S-phase kinase-associated protein 2

Pathway

- [Cell cycle](#)

- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)