

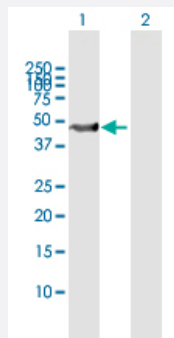
MaxPab®

SKP2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006502-B01P

Size 50 ug

Applications

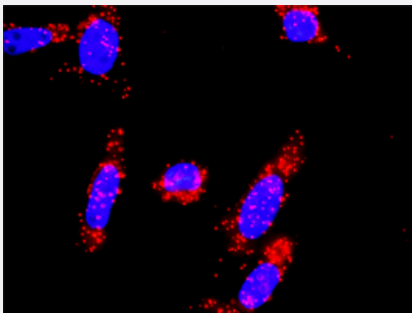


Western Blot (Transfected lysate)

Western Blot analysis of SKP2 expression in transfected 293T cell line ([H00006502-T02](#)) by SKP2 MaxPab polyclonal antibody.

Lane 1: SKP2 transfected lysate(47.80 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between CDKN1A and SKP2. HeLa cells were stained with anti-CDKN1A rabbit purified polyclonal 1:1200 and anti-SKP2 mouse purified polyclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

Mouse 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
PPRKRLKSKGSDKDFVIVRRPKLNRENFPGVSWDSLPDELLLGIFSCCLPELLKVSQVCKRWY
RLASDESLWQTLDTGKNLHPDVTGRLLSQGVIAFRCPRSFMDQPLAEHFSPFRVQHMDLSNSVI
EVSTLHGILSQCSKLQNLSEGLRLSDPVTNTLAKNSNLVRLNLSGCSEFSEFALQTLSSCSRDL
ELNLSWCFDFTEKHVQVAVAHVSETITQLNLSGYRKNLQKSDLSTLVRRCPNLVHLDLSDSVMK
NDCFQEFFQLNYLQHLSLRCYDIIPETLLELGEIPTLKTQVFGVPDGTLLKEALPHLQINCSEH
TTIARTIGNKKNQEIWGIKCLTLQKPSCL

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

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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](#)