SKP2 Polyclonal Antibody

Catalog No: #31315

Package Size: #31315-1 50ul #31315-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	SKP2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human SKP2 (NP_005974.2).
Other Names	SKP2;FBL1;FBXL1;FLB1;p45
Accession No.	Uniprot:Q13309GeneID:6502
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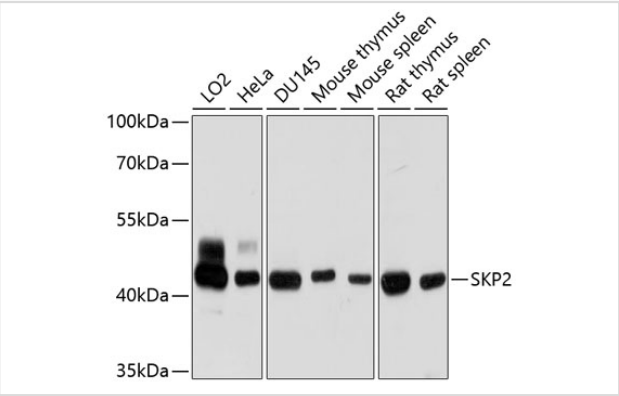
GeneID	6502
Calculated MW	45kDa
SDS-PAGE MW	45kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

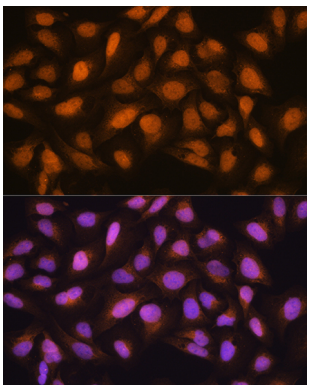
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

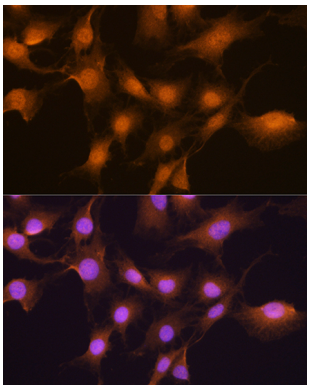
Images



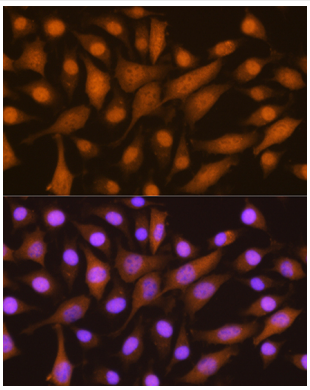
Western blot analysis of extracts of various cell lines, using SKP2 antibody.



Immunofluorescence analysis of U2OS cells using SKP2 Rabbit pAb.



Immunofluorescence analysis of C6 cells using SKP2 Rabbit pAb.



Immunofluorescence analysis of L929 cells using SKP2 Rabbit pAb.

Background

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 three transcript variants encoding different isoforms.

Note: This product is for in vitro research use only