

Datasheet for ABIN6147822  
**anti-SKP2 antibody (AA 1-100)**[Go to Product page](#)

4 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	SKP2
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SKP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SKP2 (NP_005974.2).
Sequence:	MHRKHLQEIP DLSSNVATSF TWGWSSKTS ELLSGMGVSA LEKEEPDSEN IPQELLSNLG HPESPPrKRL KSKGSDKDFV IVRRPKLNRE NFPGVSWDSL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

Target:	SKP2
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## Target Details

Alternative Name:	SKP2 ( <a href="#">SKP2 Products</a> )
Background:	<p>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.,SKP2,FBL1,FBXL1,FLB1,p45,Signal Transduction,Kinase,Cell Biology &amp; Developmental Biology,Apoptosis,Ubiquitin,Ubiquitin-Proteasome Signaling Pathway,SKP2</p>
Molecular Weight:	23 kDa/46 kDa/47 kDa
Gene ID:	6502
UniProt:	<a href="#">Q13309</a>
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

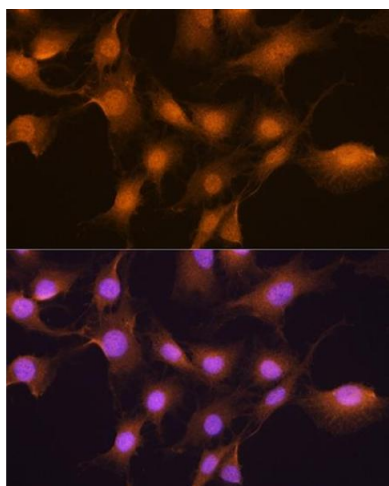
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Publications

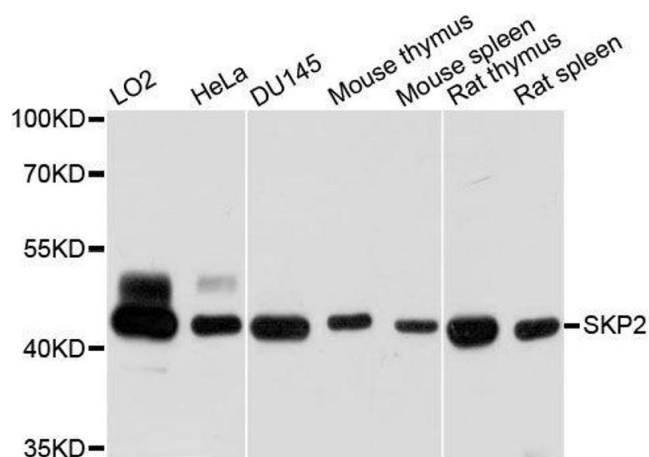
Product cited in: Zang, Fan, Chen, Huang, Qin: "Improvement of Lipid and Glucose Metabolism by Capsiate in Palmitic Acid-Treated HepG2 Cells via Activation of the AMPK/SIRT1 Signaling Pathway." in: **Journal of agricultural and food chemistry**, Vol. 66, Issue 26, pp. 6772-6781, (2018) ([PubMed](#)).

## Images



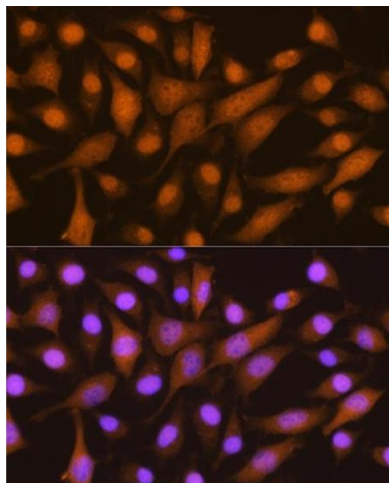
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of C6 cells using SKP2 Rabbit pAb (ABIN6134430, ABIN6147822, ABIN6147824 and ABIN6223665) at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using SKP2 antibody.



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of L929 cells using SKP2 Rabbit pAb (ABIN6134430, ABIN6147822, ABIN6147824 and ABIN6223665) at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6147822.