

For Research Use Only

# SKP1 Polyclonal antibody

Catalog Number: 10990-2-AP

8 Publications



## Basic Information

<b>Catalog Number:</b> 10990-2-AP	<b>GenBank Accession Number:</b> BC009839	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 550 µg/ml by Nanodrop and 560 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6500	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> S-phase kinase-associated protein 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 19 kDa	
<b>Immunogen Catalog Number:</b> AG1457	<b>Observed MW:</b> 19 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> ColP, IF, IHC, WB	<b>WB :</b> HeLa cells, human brain tissue, MCF-7 cells, mouse brain tissue, mouse testis tissue
<b>Species Specificity:</b> human, mouse, rat	<b>IHC :</b> human gliomas tissue, human lung cancer tissue
<b>Cited Species:</b> human, bovine	<b>IF :</b> HepG2 cells,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

SKP1(S-phase kinase-associated protein 1) is also named as EMC19, OCP2, SKP1A, TCEB1L, belongs to the SKP1 family. It is an essential component of the SCF (SKP1-CUL1-F-box protein) ubiquitin ligase complex, which mediates the ubiquitination of proteins involved in cell cycle progression, signal transduction and transcription.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiao-Tong Lin	34779401	Elife	WB
Nan Song	28722108	J Cell Physiol	WB
Shangping Xing	34998973	Pharmacol Res	WB, IHC

## Storage

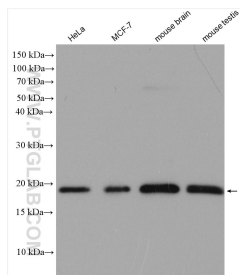
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

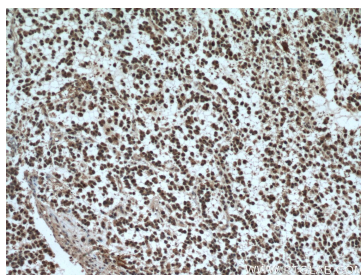
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

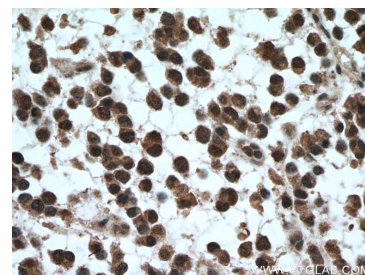
## Selected Validation Data



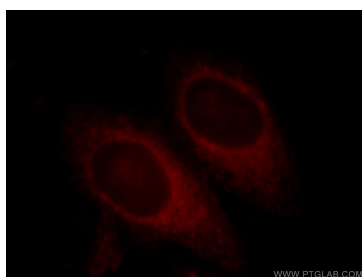
Various lysates were subjected to SDS PAGE followed by western blot with 10990-2-AP (SKP1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 10990-2-AP (SKP1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 10990-2-AP (SKP1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HepG2 cells, using SKP1 antibody 10990-2-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).