

For Research Use Only

# SKAP2 Polyclonal antibody

Catalog Number: 12926-1-AP

Featured Product

18 Publications



## Basic Information

<b>Catalog Number:</b> 12926-1-AP	<b>GenBank Accession Number:</b> BC036044	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 600 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8935	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> src kinase associated phosphoprotein 2	<b>IHC 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 41 kDa	
<b>Immunogen Catalog Number:</b> AG3615	<b>Observed MW:</b> 55 kDa	

## Applications

<b>Tested Applications:</b> FC, IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : HL-60 cells, NIH/3T3 cells
<b>Cited Applications:</b> FC, IF, IHC, IP, WB	<b>IP :</b> mouse liver tissue,
<b>Species Specificity:</b> human, mouse, rat	<b>IHC :</b> human colon cancer tissue,
<b>Cited Species:</b> human, mouse, rat	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

SKAP2 (src kinase associated phosphoprotein 2), also named PRAP, contains PH domain and SH3 domain. It is localized in cytoplasm and was expressed in ubiquitously in various tissues including lung, skeletal muscle, and spleen, but not detectable in thymus and T cell lymphoma cells. SKAP2 may negatively regulate alpha-synuclein phosphorylation following cell stress. SKAP2 may be involved in B-cell and macrophage adhesion processes by coupling the B-cell receptor (BCR) to integrin activation. Observed MW of SKAP2 is 55 kDa (PMID: 23161539).

## Notable Publications

Author	Pubmed ID	Journal	Application
Shu-Wen He	28933599	Cell Cycle	WB,IF
Hortensia G Rolán	24034616	Cell Host Microbe	WB
Xianli Wang	36386317	Front Cardiovasc Med	WB

## Storage

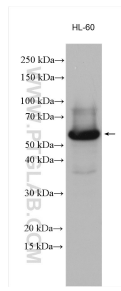
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

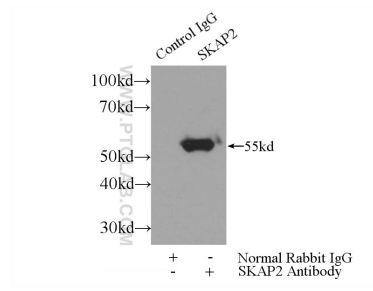
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

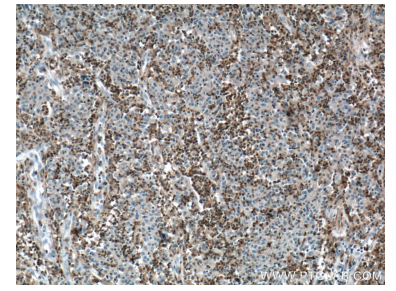
## Selected Validation Data



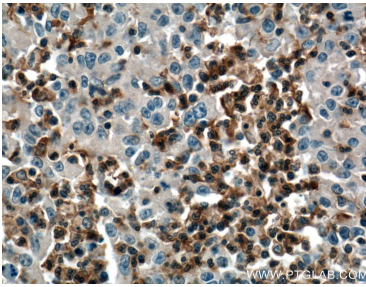
HL-60 cells were subjected to SDS PAGE followed by western blot with 12926-1-AP (SKAP2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



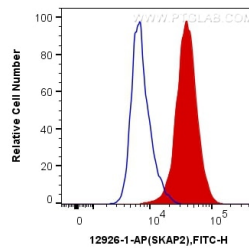
IP Result of anti-SKAP2 (IP:12926-1-AP, 3ug; Detection:12926-1-AP 1:700) with mouse liver tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12926-1-AP (SKAP2 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 colon cancer tissue slide using 12926-1-AP (SKAP2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10<sup>6</sup> NIH/3T3 cells were intracellularly stained with 0.4 ug Anti-Human SKAP2 (12926-1-AP) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).