

For Research Use Only

# ASAP3 Polyclonal antibody

Catalog Number: 14099-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 14099-1-AP	<b>GenBank Accession Number:</b> BC060786	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 900 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55616	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TDY4	<b>IHC 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> ArfGAP with SH3 domain, ankyrin repeat and PH domain 3	<b>IF/ICC 1:200-1:800</b>
<b>Immunogen Catalog Number:</b> AG5231	<b>Calculated MW:</b> 903 aa, 99 kDa	
	<b>Observed MW:</b> 100 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, L02 cells
<b>Cited Applications:</b> WB, IHC	<b>IHC :</b> mouse lung tissue,
<b>Species Specificity:</b> human, mouse	<b>IF/ICC :</b> HepG2 cells,
<b>Cited Species:</b> human	
<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

ArfGAP with SH3 domain, ankyrin repeat, and PH domain 3 (ASAP3) is a specific ARF6 GTPase-activating protein (GAP), also termed DDEF1 and ACAP4, which comprises ArfGAP and ankyrin repeat (ANK) domains in the C-terminus and BAR and PH domains in the N-terminus. ASAP3 is considered to be an important regulator in cancer cell migration/invasion and actin-based cytoskeletal remodeling.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jianning Fan	31831718	Aging (Albany NY)	WB, IHC

## Storage

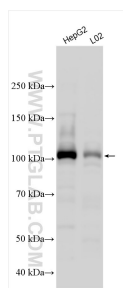
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

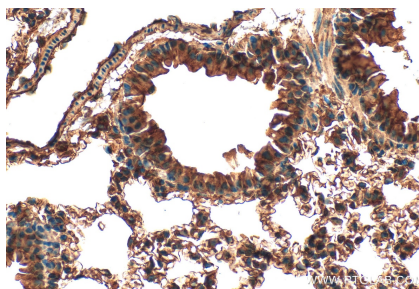
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

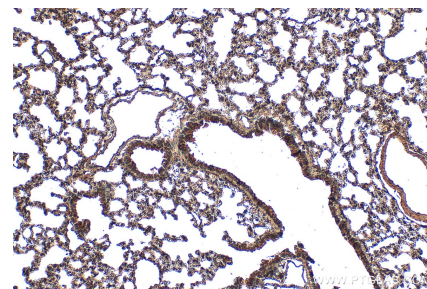
## Selected Validation Data



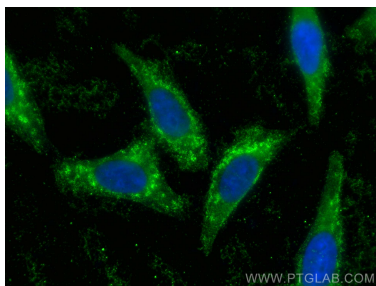
Various lysates were subjected to SDS PAGE followed by western blot with 14099-1-AP (ASAP3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 14099-1-AP (ASAP3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 14099-1-AP (ASAP3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using ASAP3 antibody (14099-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).