

For Research Use Only

# ASAP3 Polyclonal antibody

Catalog Number: 14099-1-AP

2 Publications



## Basic Information

### Catalog Number:

14099-1-AP

### Size:

150ul, Concentration: 900 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5231

### GenBank Accession Number:

BC060786

### GeneID (NCBI):

55616

### UNIPROT ID:

Q8TDY4

### Full Name:

ArfGAP with SH3 domain, ankyrin repeat and PH domain 3

### Calculated MW:

903 aa, 99 kDa

### Observed MW:

100 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:1000-1:4000

IHC: 1:50-1:500

IF/ICC: 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

### Positive Controls:

WB: HepG2 cells, L02 cells

IHC: mouse lung tissue,

IF/ICC: HepG2 cells,

**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

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
Jiaming Fan	31831718	Aging (Albany NY)	WB, IHC
Hao Wang	31809000	J Cell Mol Med	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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

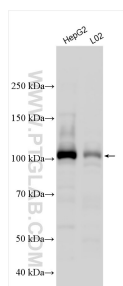
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

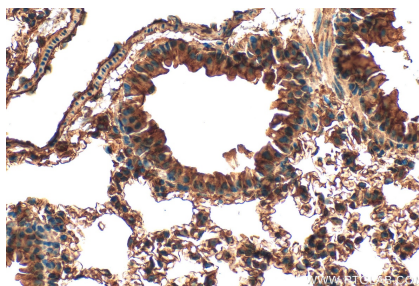
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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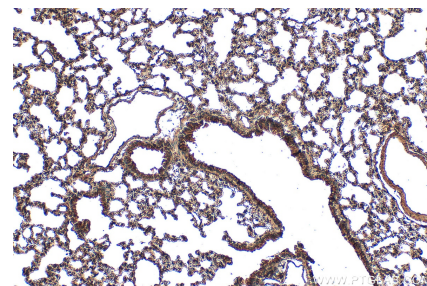
## Selected Validation Data



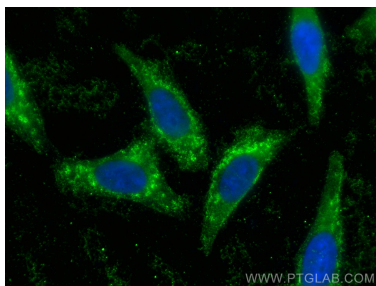
Various lysates were subjected to SDS PAGE followed by western blot with 14099-1-AP (ASAP3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



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 AffiniPure Goat Anti-Rabbit IgG(H+L).