

For Research Use Only

# MKRN3 Polyclonal antibody

Catalog Number: 18349-1-AP



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>18349-1-AP   | <b>GenBank Accession Number:</b><br>BC044639       | <b>Purification Method:</b><br>Antigen affinity purification                          |
| <b>Size:</b><br>150ul , Concentration: 650 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>7681                      | <b>Recommended Dilutions:</b><br>WB 1:1000-1:4000<br>IHC 1:50-1:500<br>IF 1:200-1:800 |
| <b>Source:</b><br>Rabbit   | <b>Full Name:</b><br>makorin ring finger protein 3 |   |
| <b>Isotype:</b><br>IgG   | <b>Calculated MW:</b><br>507 aa, 56 kDa            |   |
| <b>Immunogen Catalog Number:</b><br>AG13167  | <b>Observed MW:</b><br>56 kDa                      |   |

## Applications

### Tested Applications:

IF, IHC, WB, ELISA

### Species Specificity:

human, mouse

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

### Positive Controls:

WB : mouse liver tissue,  
IHC : mouse colon tissue,  
IF : A431 cells,

## Background Information

### 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

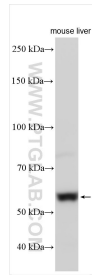
For technical support and original validation data for this product please contact:

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

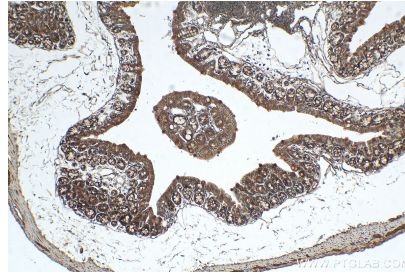
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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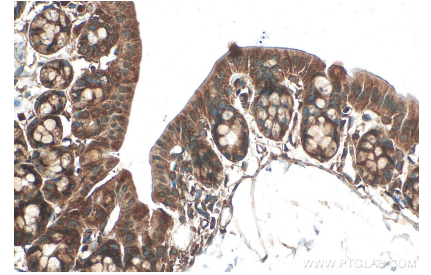
## Selected Validation Data



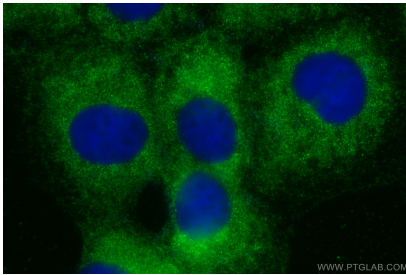
Various lysates were subjected to SDS PAGE followed by western blot with 18349-1-AP (MKRN3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 18349-1-AP (MKRN3 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 mouse colon tissue slide using 18349-1-AP (MKRN3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using MKRN3 antibody (18349-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).