

For Research Use Only

# MKRN2 Polyclonal antibody

Catalog Number: 12238-1-AP

Featured Product

4 Publications



## Basic Information

Catalog Number:

12238-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2881

GenBank Accession Number:

BC015715

GeneID (NCBI):

23609

UNIPROT ID:

Q9H000

Full Name:

makorin ring finger protein 2

Calculated MW:

416 aa, 47 kDa

Observed MW:

47 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:16000

IHC 1:50-1:500

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

**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 : HeLa cells, A375 cells, K-562 cells

IHC : human prostate cancer tissue,

IF/ICC : U2OS cells,

## Background Information

MKRN2(Probable E3 ubiquitin-protein ligase makorin-2) is also named as RNF62. It is an E3 ubiquitin ligase that catalyzes the covalent attachment of ubiquitin moieties onto substrate proteins. It may be playing a functional role in negatively regulating neurogenesis via PI3K/Akt signaling.

## Notable Publications

Author	Pubmed ID	Journal	Application
Caiwei Jia	32560817	Biochem Biophys Res Commun	WB
Yiling Zhang	32194692	Oncol Lett	WB
Jian Wang	38242315	J Invest Dermatol	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

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

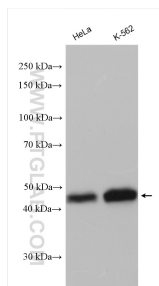
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

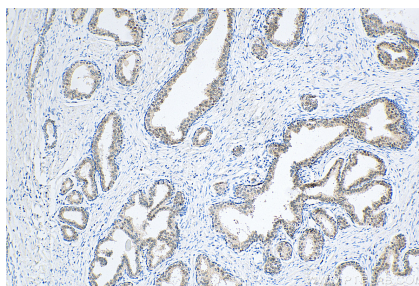
W: [ptgcn.com](http://ptgcn.com)

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

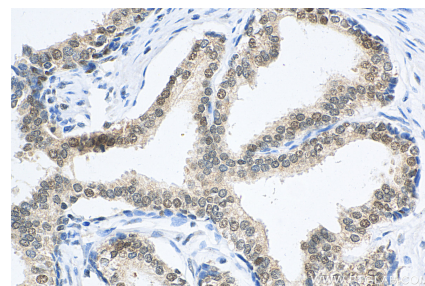
## Selected Validation Data



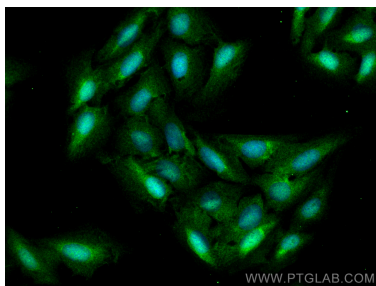
Various lysates were subjected to SDS PAGE followed by western blot with 12238-1-AP (MKRN2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 12238-1-AP (MKRN2 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 prostate cancer tissue slide using 12238-1-AP (MKRN2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using MKRN2 antibody (12238-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).