

For Research Use Only

# MKRN2 Polyclonal antibody, PBS Only

Catalog Number: 12238-1-PBS

Featured Product



## Basic Information

Catalog Number:  
12238-1-PBS

Size:  
100ug, Concentration: 1 mg/ml by  
Nanodrop;

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

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

## 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.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

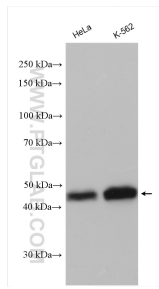
For technical support and original validation data for this product please contact:

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

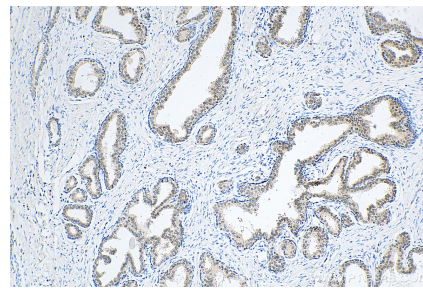
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

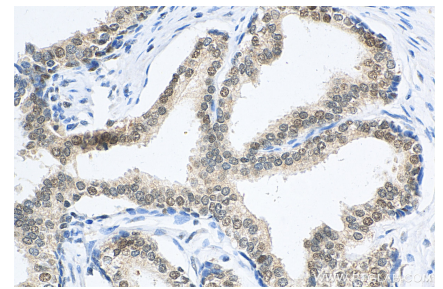
## Selected Validation Data



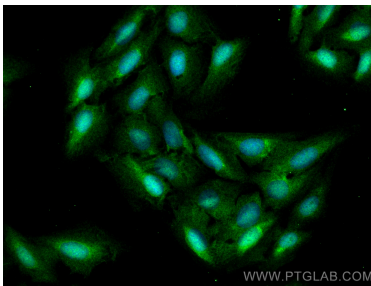
Various lysates were subjected to SDS PAGE followed by western blot with 12238-1-AP (MKRN2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12238-1-PBS in a different storage buffer formulation.



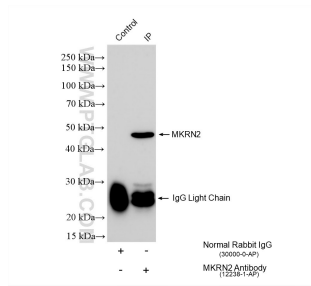
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 12238-1-AP (MKRN2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12238-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 12238-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using MKRN2 antibody (12238-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 12238-1-PBS in a different storage buffer formulation.



IP result of anti-MKRN2 (IP:12238-1-AP, 4ug; Detection:12238-1-AP 1:2000) with HeLa cells lysate 1400 ug. This data was developed using the same antibody clone with 12238-1-PBS in a different storage buffer formulation.