

For Research Use Only

MKRN2 Polyclonal antibody

Catalog Number:12238-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 12238-1-AP	GenBank Accession Number: BC015715	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop and 187 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23609	Recommended Dilutions: WB 1:2000-1:16000 IHC 1:50-1:500 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9H000	
Isotype: IgG	Full Name: makorin ring finger protein 2	
Immunogen Catalog Number: AG2881	Calculated MW: 416 aa, 47 kDa	
	Observed MW: 47 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, A375 cells, K-562 cells IHC : human prostate cancer tissue, IF/ICC : U2OS cells,
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

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

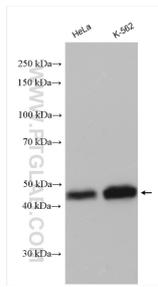
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

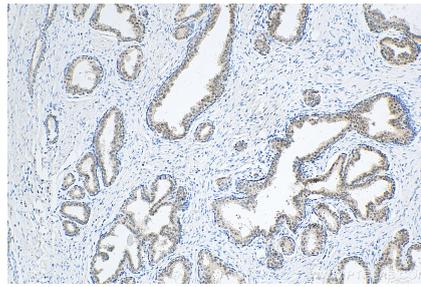
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

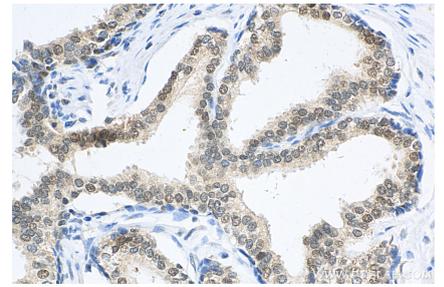
Selected Validation Data



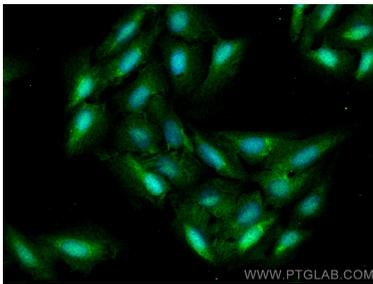
Various lysates were subjected to SDS PAGE followed by western blot with 12238-1-AP (MKRN2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



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).