

For Research Use Only

# TM7SF2 Polyclonal antibody

Catalog Number: 12033-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 12033-1-AP	<b>GenBank Accession Number:</b> BC012857	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7108	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> transmembrane 7 superfamily member 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 418 aa, 46 kDa	
<b>Immunogen Catalog Number:</b> AG2637	<b>Observed MW:</b> 55-60 kDa	

## Applications

### Tested Applications:

IF, IHC, WB, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

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 : human lung tissue, BxPC-3 cells, human heart tissue, human kidney tissue

IHC : human prostate cancer tissue,

IF : PC-3 cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Monika Lewinska	25393872	PLoS One	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

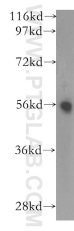
For technical support and original validation data for this product please contact:

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

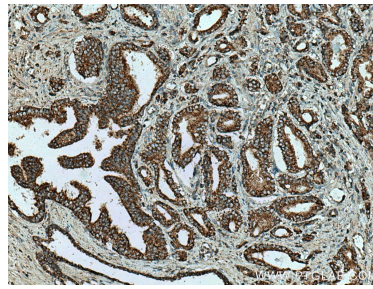
E: proteintech@ptglab.com  
W: ptglab.com

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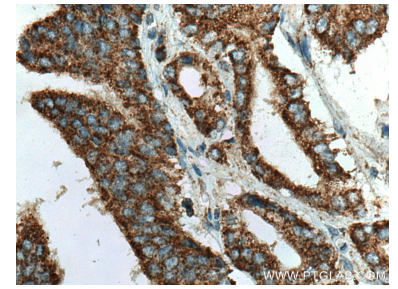
## Selected Validation Data



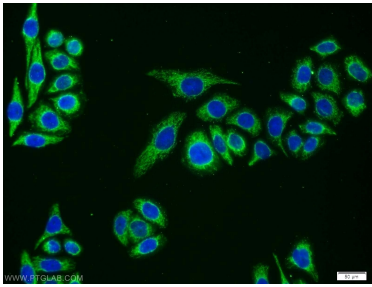
human lung tissue were subjected to SDS PAGE followed by western blot with 12033-1-AP (TM7SF2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 12033-1-AP (TM7SF2 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 12033-1-AP (TM7SF2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of PC-3 cells using 12033-1-AP (TM7SF2 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).