

For Research Use Only

# TRIM29 Polyclonal antibody

Catalog Number: 17542-1-AP

Featured Product

10 Publications



## Basic Information

### Catalog Number:

17542-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG11600

### GenBank Accession Number:

BC017352

### GeneID (NCBI):

23650

### UNIPROT ID:

Q14134

### Full Name:

tripartite motif-containing 29

### Calculated MW:

588 aa, 66 kDa

### Observed MW:

65 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IP, IF, IHC

### Species Specificity:

human

### Cited Species:

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 : HeLa cells, A431 cells, BxPC-3 cells

IHC : human skin cancer tissue, human skin tissue

## Background Information

TRIM29(Tripartite motif-containing protein 29) is also named as ATDC( Ataxia telangiectasia group D-associated protein).ATDC protein physically interacted with the intermediate filament protein vimentin, a protein kinase C substrate and colocalizing protein, and with an inhibitor of protein kinase C, PKC11(PMID:7644499). ATDC gene is highly expressed in samples of primary pancreatic cancer and PanIN lesions compared to normal pancreas and chronic pancreatitis and the highly expressed protein in human pancreatic cancer,enhances cancer cell proliferation and in vivo tumorigenicity by upregulation of the Wnt/b-Catenin signaling pathway(Wang, L. etc.2007).

## Notable Publications

Author	Pubmed ID	Journal	Application
He-Fen Sun	36336787	Clin Transl Med	IF
Shu-Tao Tan	26987391	Cancer Res Treat	WB,IHC
Tang Zhong-Ping ZP	23776433	PLoS One	WB,IHC

## 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

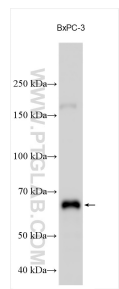
For technical support and original validation data for this product please contact:

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

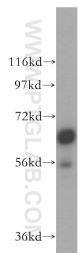
E: proteintech@ptglab.com  
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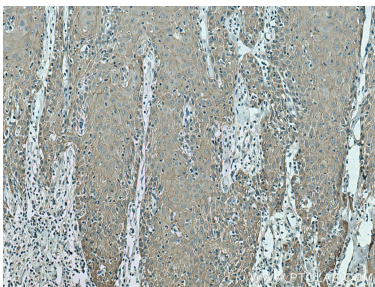
## Selected Validation Data



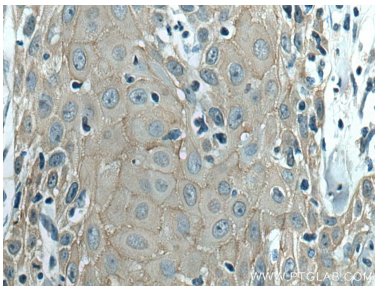
Various lysates were subjected to SDS PAGE followed by western blot with 17542-1-AP (TRIM29 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



HeLa cells were subjected to SDS PAGE followed by western blot with 17542-1-AP (TRIM29 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 17542-1-AP (TRIM29 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 skin cancer tissue slide using 17542-1-AP (TRIM29 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).