

For Research Use Only

# TXNDC5 Polyclonal antibody

Catalog Number: 19834-1-AP

Featured Product

22 Publications



## Basic Information

Catalog Number:

19834-1-AP

Concentration:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13808

GenBank Accession Number:

BC001199

GeneID (NCBI):

81567

UNIPROT ID:

Q8NBS9

Full Name:

thioredoxin domain containing 5  
(endoplasmic reticulum)

Calculated MW:

432 aa, 48 kDa

Observed MW:

48 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:10000-1:50000

IHC 1:500-1:2000

IF/ICC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP

Species Specificity:

human, mouse, rat

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 : HepG2 cells, human skeletal muscle tissue, COLO  
320 cells, mouse colon tissue, human placenta tissue

IHC : human stomach cancer tissue, human stomach  
tissue, human colon cancer tissue, human endometrial  
cancer tissue

IF/ICC : HeLa cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yonatan G Mideksa	36336075	J Biol Chem	WB
Seyed Hesamoddin Bidooki	35326231	Antioxidants (Basel)	WB
Xi Chen	33691254	Int Immunopharmacol	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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

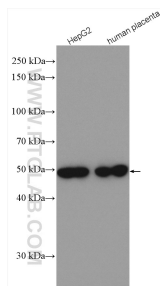
T: 4006900926

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

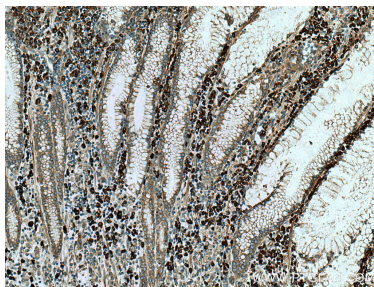
W: [ptgcn.com](http://ptgcn.com)

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Group brand and is not available to purchase from any  
other manufacturer.**

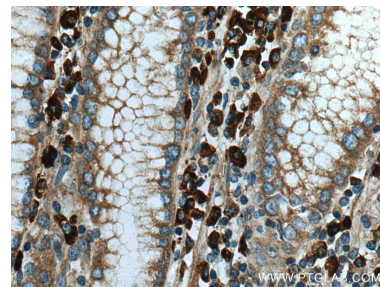
## Selected Validation Data



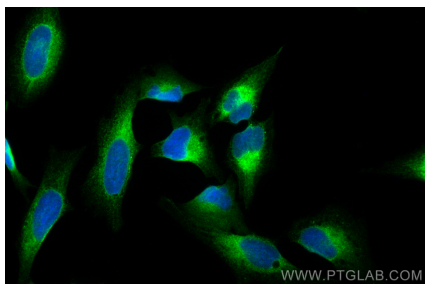
Various lysates were subjected to SDS PAGE followed by western blot with 19834-1-AP (TXNDC5 antibody) at dilution of 1:100000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 19834-1-AP (TXNDC5 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 19834-1-AP (TXNDC5 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TXNDC5 antibody (19834-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).