

For Research Use Only

# TIGAR Polyclonal antibody

Catalog Number: 22136-1-AP

Featured Product

6 Publications



## Basic Information

**Catalog Number:**

22136-1-AP

**Size:**

150ul, Concentration: 845 µg/ml by Nanodrop and 845 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG17532

**GenBank Accession Number:**

BC012340

**GeneID (NCBI):**

57103

**UNIPROT ID:**

Q9NQ88

**Full Name:**

chromosome 12 open reading frame 5

**Calculated MW:**

270 aa, 30 kDa

**Observed MW:**

30 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Cited Applications:**

WB

**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 : mouse skeletal muscle tissue, rat skeletal muscle tissue

IHC : mouse colon tissue, mouse small intestine tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoming Chai	36399798	Biochem Biophys Res Commun	WB
Shan Liu	35165280	Cell Death Dis	WB
Yogita Kanan	35134532	Free Radic Biol Med	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

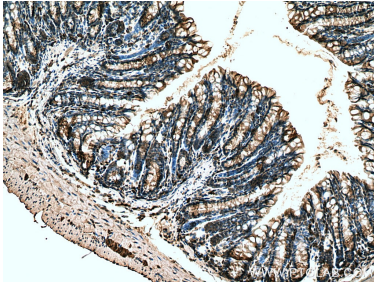
For technical support and original validation data for this product please contact:

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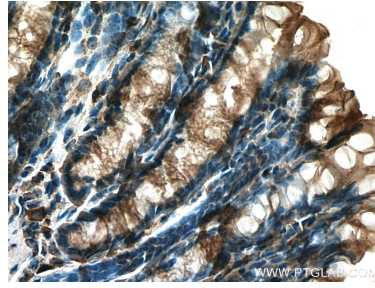
E: proteintech@ptglab.com  
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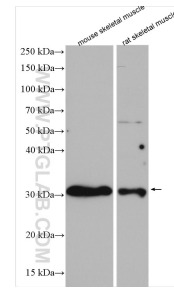
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 22136-1-AP (TIGAR 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 mouse colon tissue slide using 22136-1-AP (TIGAR antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 22136-1-AP (TIGAR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.