

For Research Use Only

# TNS1 Polyclonal antibody

Catalog Number: 20054-1-AP

Featured Product

5 Publications



## Basic Information

**Catalog Number:**

20054-1-AP

**Size:**

700 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_022648

**GeneID (NCBI):**

7145

**UNIPROT ID:**

Q9HBL0

**Full Name:**

tensin 1

**Calculated MW:**

186 kDa

**Observed MW:**

186 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

WB, IF, IHC

**Species Specificity:**

human, mouse

**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**

**Positive Controls:**

WB : mouse heart tissue,

IHC : mouse heart tissue, human heart tissue

## Background Information

TNS1, also named as TNS, may be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton. The antibody recognizes near the N-term of TNS1.

## Notable Publications

Author	Pubmed ID	Journal	Application
Ru Zheng	27742864	Reproduction	IHC
Congyi Tang	33231563	Aging (Albany NY)	WB,IHC
Xiaogang Sun	31954876	Biomed Pharmacother	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

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

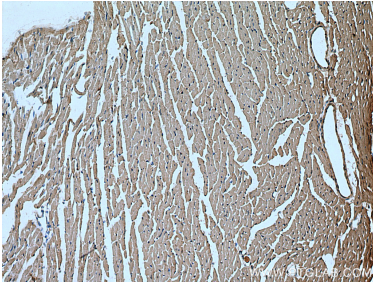
T: 4006900926

E: Proteintech-CN@ptglab.com

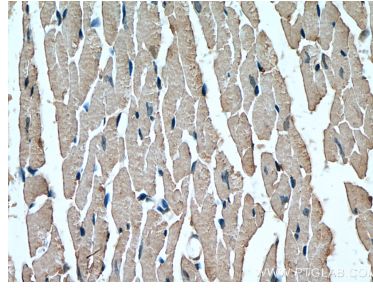
W: ptgcn.com

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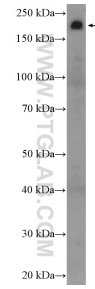
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 20054-1-AP (TNS1 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 heart tissue slide using 20054-1-AP (TNS1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse heart tissue were subjected to SDS PAGE followed by western blot with 20054-1-AP (TNS1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.