

For Research Use Only

TNS1 Polyclonal antibody

Catalog Number: 20054-1-AP

Featured Product

5 Publications



Basic Information

| | | |
|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------|
| Catalog Number: 20054-1-AP | GenBank Accession Number: NM_022648 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 700 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 7145 | Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 |
| Source: Rabbit | Full Name: tensin 1 | |
| Isotype: IgG | Calculated MW: 186 kDa | |
| | Observed MW: 186 kDa | |

Applications

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Tested Applications: IHC, WB, ELISA | Positive Controls: WB : mouse heart tissue, IHC : mouse heart tissue, human heart tissue |
| Cited Applications: IF, IHC, WB | |
| 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 | |

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

*** 20ul sizes contain 0.1% BSA

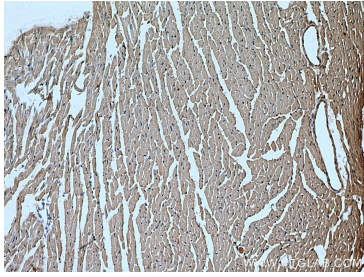
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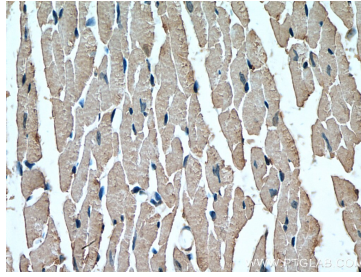
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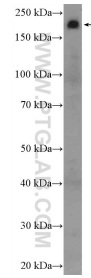
Selected Validation Data



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.