

For Research Use Only

TNS3 Polyclonal antibody

Catalog Number: 20053-1-AP

1 Publications



Basic Information

Catalog Number:

20053-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_022748

GeneID (NCBI):

64759

UNIPROT ID:

Q68CZ2

Full Name:

tensin 3

Calculated MW:

155 kDa

Observed MW:

129 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : mouse kidney tissue,

IHC : mouse embryo tissue,

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

TNS3, also named as TEM6, TENS1 and TPP, may play a role in actin remodeling. It is involved in the dissociation of the integrin-tensin-actin complex. EGF activates TNS4 and down-regulates TNS3 which results in capping the tail of ITGB1. TNS3 seems to be involved in mammary cell migration. It may be involved in cell migration and bone development. The antibody recognizes all the isoforms of TNS3.

Notable Publications

Author	Pubmed ID	Journal	Application
Xun Zhang	39382613	Cell Biol Toxicol	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

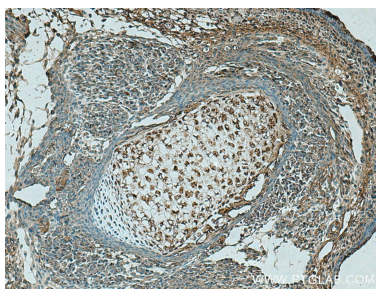
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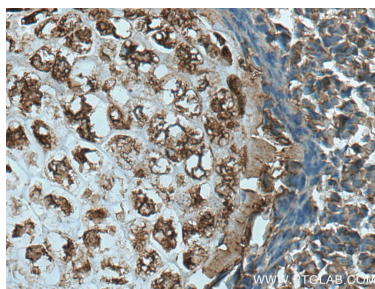
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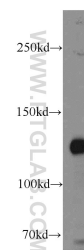
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse embryo tissue slide using 20053-1-AP (TNS3 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 embryo tissue slide using 20053-1-AP (TNS3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 20053-1-AP (TNS3 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.