

For Research Use Only

# Teneurin-3 Polyclonal antibody

Catalog Number: 31971-1-AP



## Basic Information

Catalog Number:

31971-1-AP

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36331

GenBank Accession Number:

NM\_001080477

GeneID (NCBI):

55714

UNIPROT ID:

Q9P273

Full Name:

odz, odd Oz/ten-m homolog 3  
(Drosophila)

Calculated MW:

300kDa

Observed MW:

250 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse brain tissue, mouse testis tissue

## Background Information

Teneurin-3, also known as Ten-m3, Odz3, Ten-m/Odz3, is a ~300 kDa type II transmembrane glycoprotein that is a member of the teneurin/Ten-m/Odz family. Ten-m3 plays a critical role in regulating connectivity of the nervous system, particularly in axon pathfinding and synaptic organisation in the motor and visual system. Mutation in the TENM3/ODZ3 gene in humans has been associated with the eye condition, microphthalmia (PMID 22766609). TENM3 is expressed in adult and fetal brain, slightly lower levels in testis and ovary, and intermediate levels in all other peripheral tissues examined.

## 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:

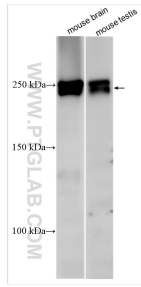
T: 4006900926

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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31971-1-AP (ODZ3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.