

TNM / Teneurin-1 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS17139**Specification**

TNM / Teneurin-1 Antibody (N-Terminus) - Product Information

Application	IHC-P, IF
Primary Accession	O9UKZ4
Other Accession	10178
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	305011

TNM / Teneurin-1 Antibody (N-Terminus) - Additional Information**Gene ID** 10178**Other Names**

TENM1, Teneurin-1, TNM, ODZ1, ODZ3, TEN-M1, TNM1

Target/Specificity

TENM1 antibody is human, mouse and rat reactive. TENM1 antibody is predicted to not cross-react with other members of the TENM family.

Reconstitution & Storage

PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

TNM / Teneurin-1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TNM / Teneurin-1 Antibody (N-Terminus) - Protein Information**Name** TENM1**Synonyms** ODZ1, TNM1**Function**

Involved in neural development, regulating the establishment of proper connectivity within the nervous system. May function as a cellular signal transducer (By similarity).

Cellular Location

Cell membrane; Single-pass membrane protein [Teneurin C-terminal-associated peptide]: Nucleus. Cytoplasm. Cell membrane Note=Colocalizes with the dystroglycan complex at the cell membrane in hippocampal cells. Binds hippocampal cell membranes and is incorporated in the cytoplasm by endocytosis in a caveoli-dependent manner. Upon cell internalization is transported around and in the nucleus (By similarity).

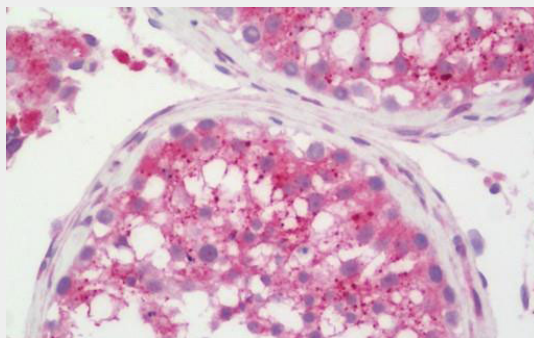
Tissue Location

Expressed in fetal brain.

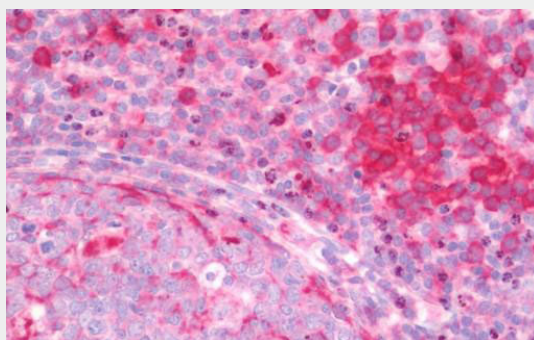
TNM / Teneurin-1 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

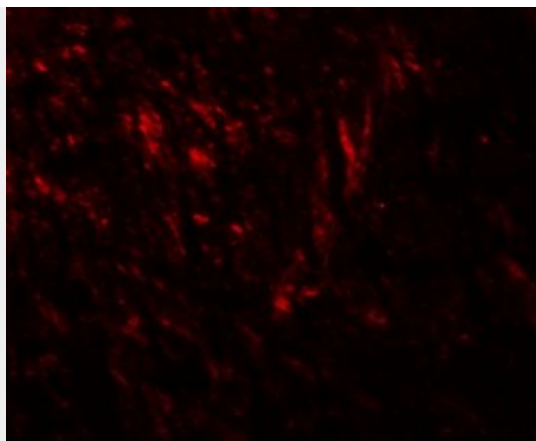
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TNM / Teneurin-1 Antibody (N-Terminus) - Images

Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence of TENM1 in mouse brain tissue with TENM1 antibody at 20 ug/mL.

TNM / Teneurin-1 Antibody (N-Terminus) - Background

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TNM / Teneurin-1 Antibody (N-Terminus) - References

- Brandau O.,et al.Hum. Mol. Genet. 8:2407-2413(1999).
- Ross M.T.,et al.Nature 434:325-337(2005).
- Minet A.D.,et al.J. Cell Sci. 112:2019-2032(1999).
- Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
- Sjoeblom T.,et al.Science 314:268-274(2006).