

Rabbit TENM1 Polyclonal Antibody | anti-TENM1 antibody

TENM1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40712	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

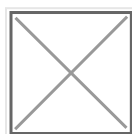
PRODUCT SYNONYMS

TENM1; Polyclonal Antibody; TENM1 Antibody; Teneurin transmembrane protein 1; teneurin-1; ODZ1; ODZ3; TEN-M1; TNM; TNM1; teneurin transmembrane protein 1; anti-TENM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TENM1 antibody is human, mouse and rat reactive. TENM1 antibody is predicted to not cross-react with other members of the TENM family.
Purity/Purification	TENM1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	2732
Applicable Applications for anti-TENM1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TENM1 antibody was raised against an 18 amino acid peptide near the amino terminus of human TENM1.
Buffer	TENM1 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TENM1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



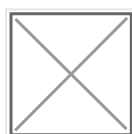
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Immunohistochemistry of TENM1 in mouse brain tissue with TENM1 antibody at 5 μg/mL.



WB (Western Blot)

Western blot analysis of TENM1 in human brain tissue lysate with TENM1 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TENM1 antibody	The teneurin transmembrane protein 1 (TENM1) is a member of a family of four neuronal cell surface proteins homologous to the Drosophila pair-rule gene Ten-m (1,2). TENM1 is expressed primarily in the developing central nervous system and may be proteolytically cleaved with the intracellular domain translocating to the nucleus (3). TENM1 is a direct target of the homeobox transcription factor EMX2, a transcription factor thought to be important for area specification in the developing cortex (4).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	253970444
NCBI GeneID	10178
NCBI Accession #	NP_001156750
NCBI GenBank Nucleotide #	NM_001163278.1
UniProt Accession #	Q9UKZ4; Q5JZ17; B2RTR5
Molecular Weight	Predicted: 301 kDa Observed: 280 kDa
NCBI Official Full Name	teneurin-1 isoform 1
NCBI Official Synonym Full Names	teneurin transmembrane protein 1
NCBI Official Symbol	TENM1
NCBI Official Synonym Symbols	TNM; ODZ1; ODZ3; TNM1; TEN-M1
NCBI Protein Information	teneurin-1; ten-1; teneurin 1; tenascin M1; tenascin-M1; odz, odd Oz/ten-m homolog 1; protein Odd Oz/ten-m homolog 1; odz, odd Oz/ten-m homolog 1(Drosophila); odz (odd Oz/ten-m, Drosophila) homolog 3
UniProt Protein Name	Teneurin-1
UniProt Gene Name	TENM1
UniProt Synonym Gene Names	ODZ1; TNM1; Ten-1; Ten-m1; IDten-1; Ten-1 ICD; TCPA-1; Ten-1 ECD
UniProt Entry Name	TEN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tenm1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40712>