

Datasheet for ABIN6992126
anti-TENM3 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	TENM3 (ODZ3)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TENM3 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Western Blotting (WB)

Product Details

Immunogen:	TENM3 antibody was raised against a 17 amino acid peptide near the amino terminus of human TENM3. The immunogen is located within the first 50 amino acids of TENM3.
Isotype:	IgG
Specificity:	TENM3 antibody is human, mouse and rat reactive. TENM3 antibody is predicted to not cross-react with other members of the TENM family.
Purification:	TENM3 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TENM3 (ODZ3)
Alternative Name:	TENM3 (ODZ3 Products)

Target Details

Background:	The teneurin transmembrane protein 3 (TENM3) is a member of a family of four neuronal cell surface proteins homologous to the Drosophila pair-rule gene Ten-m (1,2). TENM3 is expressed in cartilaginous cells during postnatal growth in mice (3), as well as the adult eye and optic stalk (4). Homozygous null mutations in TENM3 causes microphthalmia in humans (5).
Molecular Weight:	Predicted: 297 kDa Observed: 300 kDa
Gene ID:	55714
NCBI Accession:	NP_001073946
UniProt:	Q9P273

Application Details

Application Notes:	TENM3 antibody can be used for detection of TENM3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TENM3 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	TENM3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.