



[Go to Product page](#)

Datasheet for ABIN2783853  
**anti-TNMD antibody (N-Term)**

2 Images

2 Publications

### Overview

Quantity:	100 µL
Target:	TNMD
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Cow, Dog, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio), Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNMD antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TNMD
Sequence:	KKKIYMEIDP VTRTEIFRSG NGTDETLVH DFKNGYTGIIY FVGLQKCFIK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against TNMD. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	TNMD
---------	------

## Target Details

---

Alternative Name:	TNMD ( <a href="#">TNMD Products</a> )
Background:	<p>TNMD is a single-pass type II membrane protein. It belongs to the chondromodulin-1 family and contains 1 BRICHOS domain. TNMD may be an angiogenesis inhibitor.</p> <p>Alias Symbols: BRICD4, CHM1-LIKE, CHM1L, TEM</p> <p>Protein Interaction Partner: TMEM79,</p> <p>Protein Size: 317</p>
Molecular Weight:	37 kDa
Gene ID:	64102
NCBI Accession:	<a href="#">NM_022144</a> , <a href="#">NP_071427</a>
UniProt:	<a href="#">Q9H2S6</a>

## Application Details

---

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 317 AA
Restrictions:	For Research Use only

## Handling

---

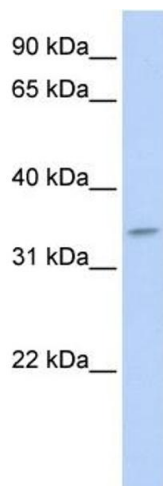
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in:

Clayton, Daley, MacDonald, Fernandez-Vizarra, Bottegoni, ONeil, Major, Griffin, Zhuang, Adewoye, Woolcock, Jones, Goodyear, Elmesmari, Filer, Tennant, Alivernini, Buckley, Pitceathly et al.: "Inflammation causes remodeling of mitochondrial cytochrome c oxidase mediated by the bifunctional gene C15orf48. ..." in: **Science advances**, Vol. 7, Issue 50, pp. eabl5182, (2021) ([PubMed](#)).

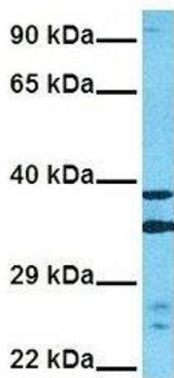
## Images



### Western Blotting

**Image 1.** WB Suggested Anti-TNMD Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human heart

## TNMD



### Western Blotting

**Image 2.** Host: Rabbit Target Name: TNMD Sample Tissue: Human Fetal Liver Antibody Dilution: 1.0ug/ml