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Datasheet for ABIN2777148 anti-TGM4 antibody (N-Term)

5 Images

Overview

Quantity:	100 µL
Target:	TGM4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGM4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TGM4
Sequence:	KEDMVFMPDE DERKEYILND TGCHYVGAAR SIKCKPWNFG QFEKNVLDCC
Predicted Reactivity:	Guinea Pig: 75%, Human: 100%, Mouse: 83%, Rat: 75%, Zebrafish: 82%
Characteristics:	This is a rabbit polyclonal antibody against TGM4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TGM4
Alternative Name:	TGM4 (TGM4 Products)

Target Details

Background:	TGM4 is associated with the mammalian reproductive process. TGM4 catalyzes the cross-linking of proteins and the conjugation of polyamines to specific proteins in the seminal tract. Alias Symbols: TGP, hTGP Protein Interaction Partner: CD79A, Protein Size: 684
Molecular Weight:	77 kDa
Gene ID:	7047
NCBI Accession:	NM_003241 , NP_003232
UniProt:	P49221

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 684 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.

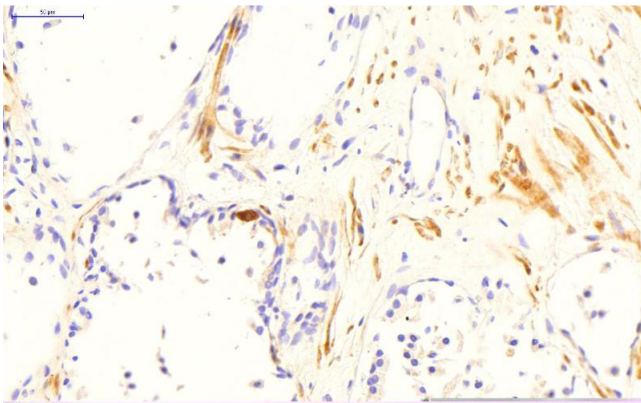


Western Blotting

Image 1. WB Suggested Anti-TGM4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: OVCAR-3 cell lysate TGM4 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells

Western Blotting

Image 2. WB Suggested Anti-TGM4 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: OVCAR-3 cell lysate TGM4 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells



Immunohistochemistry

Image 3. Sample Type: Normal Human Prostate
Primary Antibody Dilution: 2 µg/mL Color/Signal Descriptions: TGM4 (DAB; brown), nuclei (hematoxylin; blue)
Gene Name: TGM4

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2777148.