

Rabbit TGM4 Polyclonal Antibody | anti-TGM4 antibody

TGM4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199050	Rabbit	Guinea Pig, Human, Mouse, Rat, Zebrafish	Western Blot, Immunohistochemistry

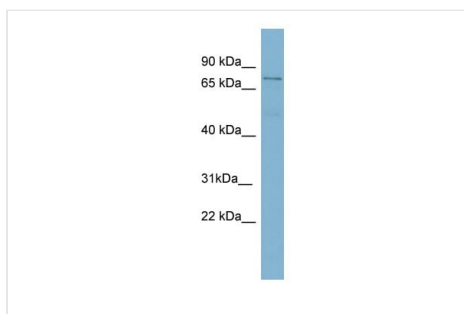
PRODUCT SYNONYMS

TGM4; Polyclonal Antibody; TGM4 antibody - N-terminal region; anti-TGM4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Guinea Pig, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: KE DMVFMPDEDE RKEYILNDTG CHYVGAARSI KCKPWNFGQF EKNVLDCC
Sequence Length	684
Applicable Applications for anti-TGM4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Guinea Pig: 75%; Human: 100%; Mouse: 83%; Rat: 75%; Zebrafish: 82%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TGM4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

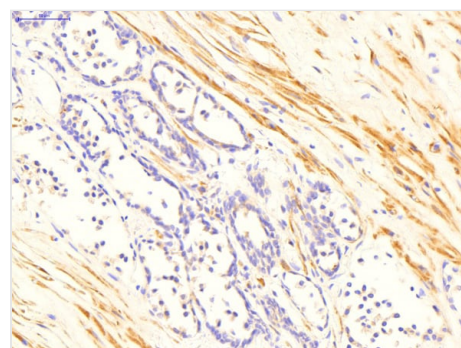
IMAGES



WB (Western Blot)

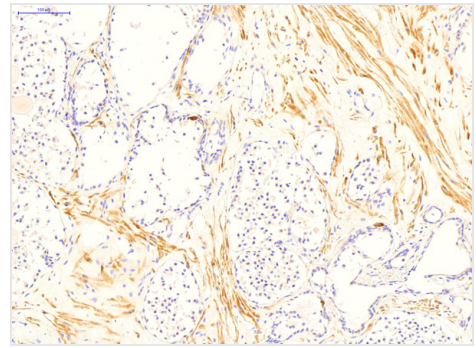
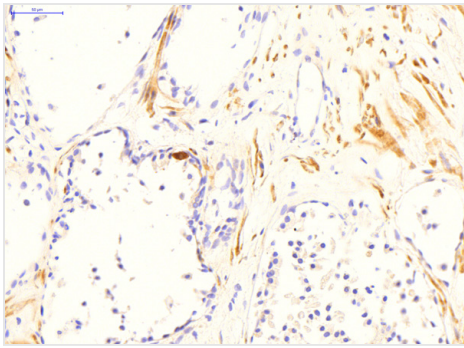
WB Suggested Anti-TGM4 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:312500 Positive

Control: OVCAR-3 cell lysate TGM4 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells



IHC (Immunohistochemistry)

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



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ADDITIONAL INFORMATION

Related Product Information for anti-TGM4 antibody	This is a rabbit polyclonal antibody against TGM4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-TGM4 antibody	Polyclonal; Tissue Specific & Cell Marker; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	156627577
NCBI GeneID	7047
NCBI Accession #	NP_003232
NCBI GenBank Nucleotide #	NM_003241
UniProt Accession #	P49221
Molecular Weight	77kDa
NCBI Official Full Name	protein-glutamine gamma-glutamyltransferase 4
NCBI Official Synonym Full Names	transglutaminase 4
NCBI Official Symbol	TGM4
NCBI Official Synonym Symbols	TGP; hTGP
NCBI Protein Information	protein-glutamine gamma-glutamyltransferase 4
UniProt Protein Name	Protein-glutamine gamma-glutamyltransferase 4
UniProt Gene Name	TGM4
UniProt Synonym Gene Names	TG(P); TGP; TGase P; TGase-4
UniProt Entry Name	TGM4_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/tgm4-antibody-western-blot-immunohistochemistry-elisa/199050>