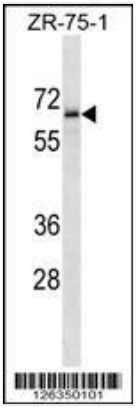
TM117 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TM117, Polyclonal Antibody
Full Product Name	TM117, CT (TMEM117, Transmembrane protein 117) (APC)
Product Gene Name	anti-TM117 antibody
Product Synonym Gene Name	TMEM117
Product Synonym Names	TMEM117; Transmembrane protein 117
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	60185
3D Structure	ModBase 3D Structure for Q9H0C3
Immunogen	TM117 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 327-356 amino acids from the C-terminal region of human TM117.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-TM117 antibody	Antibodies; Transmembrane Proteins
Applications Tested/Suitable for anti-TM117 antibody	Western Blot (WB), FLISA
Application Notes for anti-TM117 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-TM117 antibody	MBS6355966 is an antibody targeting TM117. Also known as TM117, CT (TMEM117, Transmembrane protein 117) (APC). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-TM117 antibody	Bailey, S.D., et al. Diabetes Care (2010). In press: Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009). Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000).
Other Notes	Small volumes of anti-TM117 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-TM117 antibody
TM117 Antibody (C-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the TM117 antibody detected the TM117 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TM117. It may not necessarily be applicable to this product.

NCBI GI #	14149981
NCBI GeneID	84216
NCBI Accession #	NP_115632.1
UniProt Primary Accession #	Q9H0C3
UniProt Related Accession #	Q9H0C3
GenBank Nucleotide #	NM_032256.2
NCBI Official Full Name	transmembrane protein 117 isoform a
NCBI Official Synonym Full Names	transmembrane protein 117
NCBI Official Symbol	TMEM117
UniProt Protein Name	Transmembrane protein 117
UniProt Gene Name	TMEM117
UniProt Entry Name	TM117_HUMAN
NCBI Protein Information	transmembrane protein 117
Research Articles on TM117	**1.** Observational study of gene-disease association, gene-environment interaction, and pharmacogenomic / toxicogenomic. (HuGE Navigator)
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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/tm117/6355966