

Datasheet for ABIN7601869
anti-TMEM97 antibody (AA 5-141)



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Overview

Quantity:	100 µg
Target:	TMEM97
Binding Specificity:	AA 5-141
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM97 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-TMEM97 Antibody Picoband®
Immunogen:	E.coli-derived human TMEM97 recombinant protein (Position: A5-L141).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TMEM97 Antibody Picoband® (ABIN7601869). Tested in ELISA, WB applications. This antibody reacts with Human, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	TMEM97
Alternative Name:	TMEM97 (TMEM97 Products)
Background:	<p>Synonyms: Histone-lysine N-methyltransferase SETDB2, Chronic lymphocytic leukemia deletion region gene 8 protein, Lysine N-methyltransferase 1F, SET domain bifurcated 2, SETDB2, C13orf4, CLLD8, KMT1F</p> <p>Tissue Specificity: Highly expressed in reproductive organs, such as testis, ovary and prostate.</p> <p>Background: TMEM97 is a conserved integral membrane protein that plays a role in controlling cellular cholesterol levels .</p>
Molecular Weight:	23 kDa
Gene ID:	27346
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Bartz, F., Kern, L., Erz, D., Zhu, M., Gilbert, D., Meinhof, T., Wirkner, U., Erfle, H., Muckenthaler, M., Pepperkok, R., Runz, H. Identification of cholesterol-regulating genes by targeted RNAi screening. <i>Cell Metab.</i> 10: 63-75, 2009. 2. Kaye, H., Kleeff, J., Ding, J., Hammer, J., Giese, T., Zentgraf, H., Buchler, M. W., Friess, H. Expression analysis of MAC30 in human pancreatic cancer and tumors of the gastrointestinal tract. <i>Histol. Histopath.</i> 19: 1021-1031, 2004. 3. Malhotra, K., Luehrsens, K. R., Costello, L. L., Raich, T. J., Sim, K., Foltz, L., Davidson, S., Xu, H., Chen, A., Yamanishi, D. T., Lindemann, G. W., Cain, C. A., Madlansacay, M. R., Hashima, S. M., Pham, T. L., Mahoney, W., Schueler, P. A. Identification of differentially expressed mRNAs in human fetal liver across gestation. <i>Nucleic Acids Res.</i> 27: 839-847, 1999.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

Handling

Storage: 4 °C, -20 °C

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.