

Datasheet for ABIN7599760
anti-TMEM232 antibody (AA 114-598)



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Overview

Quantity:	100 µg
Target:	TMEM232
Binding Specificity:	AA 114-598
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMEM232 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-TMEM232 Antibody Picoband®
Immunogen:	E.coli-derived human TMEM232 recombinant protein (Position: D114-H598). Human TMEM232 shares 67.1% and 66.5% amino acid (aa) sequence identity with mouse and rat TMEM232, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-TM Antibody Picoband® (ABIN7599760). Tested in WB, IHC, ICC/IF, ELISA applications. This antibody reacts with Human, Mouse, 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

Product Details

as Picoband, ensuring unmatched performance.

Purification: Immunogen affinity purified.

Target Details

Target: TMEM232

Alternative Name: TMEM232 ([TMEM232 Products](#))

Background: Synonyms: TMEM232, Transmembrane protein 232
Background: Predicted to be involved in flagellated sperm motility and spermatid cytoplasm removal during spermiation of flagellated sperm. Predicted to act upstream of or within maintenance of protein complex location. Predicted to be located in membrane. Predicted to be active in outer dense fiber.

Molecular Weight: 76 kDa

Gene ID: 642987

Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat
Immunohistochemistry, 2-5 µg/mL, Human
Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human
ELISA, 0.1-0.5 µg/mL
1. Zheng, J., Wu, Y. Y., Fang, W. L., Cai, X. Y., Zhang, Z. Y., Yu, C. X., Zheng, X. D., Xiao, F. L.
Confirming the TMEM232 gene associated with atopic dermatitis through targeted capture sequencing. Sci. Rep. 11: 21830, 2021.

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.

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.