

Datasheet for ABIN7601250  
**anti-TM2D3 antibody (AA 31-179)**



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## Overview

Quantity:	100 µg
Target:	TM2D3
Binding Specificity:	AA 31-179
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TM2D3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

## Product Details

Purpose:	Anti-TM2D3 Antibody Picoband®
Immunogen:	E.coli-derived human TM2D3 recombinant protein (Position: E31-N179).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TM2D3 Antibody Picoband® (ABIN7601250). Tested in ELISA, Flow Cytometry, IF, ICC, WB applications. This antibody reacts with Human. 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:	TM2D3
Alternative Name:	TM2D3 ( <a href="#">TM2D3 Products</a> )
Background:	<p>Synonyms: Kelch repeat and BTB domain-containing protein 2, BTB and kelch domain-containing protein 1, KBTBD2, BKLHD1, KIAA1489</p> <p>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.</p> <p>Background: The protein encoded by this gene contains a structural module related to that of the seven transmembrane domain G protein-coupled receptor superfamily. This protein has sequence and structural similarities to the beta-amyloid binding protein (BBP), but, unlike BBP, it does not regulate a response to beta-amyloid peptide. This protein may have regulatory roles in cell death or proliferation signal cascades. Several alternatively spliced transcript variants of this gene are described but the full length nature of some variants has not been determined. Multiple polyadenylation sites have been found in this gene.</p>
Molecular Weight:	37 kDa
Gene ID:	80213
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Kajkowski, E. M., Lo, C. F., Ning, X., Walker, S., Sofia, H. J., Wang, W., Edris, W., Chanda, P., Wagner, E., Vile, S., Ryan, K., McHendry-Rinde, B., Smith, S. C., Wood, A., Rhodes, K. J., Kennedy, J. D., Bard, J., Jacobsen, J. S., Ozenberger, B. A. Beta-amyloid peptide-induced apoptosis regulated by a novel protein containing a G protein activation module. J. Biol. Chem. 276: 18748-18756, 2001.</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.

## Handling

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Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
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.