

Datasheet for ABIN7602937
anti-TOMM20L antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	TOMM20L
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOMM20L antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TOMM20L Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human TOMM20L, which shares 70% amino acid (aa) sequence identity with mouse TOMM20L.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TOMM20L Antibody Picoband® (ABIN7602937). Tested in Flow Cytometry, 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:	TOMM20L
Alternative Name:	TOMM20L (TOMM20L Products)
Background:	<p>Synonyms: Placenta-specific protein 9, PLAC9</p> <p>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.</p> <p>Background: Predicted to enable mitochondrion targeting sequence binding activity. Predicted to contribute to protein transmembrane transporter activity. Predicted to be involved in protein import into mitochondrial matrix and tRNA import into mitochondrion. Predicted to be integral component of membrane. Predicted to be part of mitochondrial outer membrane translocase complex. Predicted to be integral component of mitochondrial outer membrane.</p>
Molecular Weight:	21 kDa
Gene ID:	387990

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>1. Liki, V. A. , Perry, A. , Hulett, J. , Derby, M. , Traven, A. , & Waller, R. F. , et al. (2005). Patterns that define the four domains conserved in known and novel isoforms of the protein import receptor tom20. Journal of Molecular Biology, 347(1), 81-93. 2. Clark, H. F. , Gurney, A. L. , Abaya, E. , Baker, K. , Baldwin, D. , & Brush, J. , et al. (2003). The secreted protein discovery initiative (spdi), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment. Genome Research, 13(10), 2265-2276.</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.
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.