Datasheet for ABIN7601495

anti-TIMM29 antibody (AA 37-260)

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Overview

Quantity:	100 µg
Target:	TIMM29
Binding Specificity:	AA 37-260
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIMM29 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-TIMM29 Antibody Picoband®
Immunogen:	E.coli-derived human TIMM29 recombinant protein (Position: A37-R260).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TIMM29 Antibody Picoband® (ABIN7601495). Tested in ELISA, Flow Cytometry, IF, IHC, 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:	TIMM29
Alternative Name:	TIMM29 (TIMM29 Products)
Background:	Synonyms: Protein Bop, BH3-only protein, Retrotransposon Gag-like protein 10, RTL10, BOP, C22orf29 Tissue Specificity: Ubiquitously expressed. Background: Component of the TIM22 complex, a complex that mediates the import and insertion of multi-pass transmembrane proteins into the mitochondrial inner membrane. The TIM22 complex forms a twin-pore translocase that uses the membrane potential as the external driving force. Required for the stability of the TIM22 complex and functions in the assembly of the TIMM22 protein into the TIM22 complex. May facilitate cooperation between TIM22 and TOM complexes by interacting with TOMM40.
Molecular Weight:	29 kDa
Gene ID:	90580

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Callegari, S., Richter, F., Chojnacka, K., Jans, D. C., Lorenzi, I., Pacheu-Grau, D., Jakobs, S., Lenz, C., Urlaub, H., Dudek, J., Chacinska, A., Rehling, P. TIM29 is a subunit of the human carrier translocase required for protein transport. FEBS Lett. 590: 4147-4158, 2016. 2. Hartz, P. A. Personal Communication. Baltimore, Md. 02/28/2017. 3. Kang, Y., Baker, M. J., Liem, M., Louber, J., McKenzie, M., Atukorala, I., Ang, C.-S., Keerthikumar, S., Mathivanan, S., Stojanovski, D. Tim29 is a novel subunit of the human TIM22 translocase and is involved in complex assembly and stability. eLife 5: e17463, 2016. Note: Electronic Article.
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

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.