

Datasheet for ABIN7599443
anti-TOX antibody (AA 1-495)



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Overview

Quantity:	100 µg
Target:	TOX
Binding Specificity:	AA 1-495
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOX antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-TOX Antibody Picoband®
Immunogen:	E.coli-derived human TOX recombinant protein (Position: M1-S495).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TOX Antibody Picoband® (ABIN7599443). Tested in ELISA, Flow Cytometry, IHC, WB applications. This antibody reacts with Human, Mouse. 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:	TOX
Alternative Name:	TOX (TOX Products)
Background:	Synonyms: Serine/threonine-protein kinase LMTK3, Lemur tyrosine kinase 3, LMTK3, KIAA1883, TYKLM3 Background: Thymocyte selection-associated high mobility group box protein TOX is a protein that in humans is encoded by the TOX gene. The protein encoded by this gene contains a HMG box DNA binding domain. HMG boxes are found in many eukaryotic proteins involved in chromatin assembly, transcription and replication. This protein may function to regulate T-cell development.
Molecular Weight:	57 kDa
Gene ID:	9760
UniProt:	O94900

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human, Mouse Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Alfei, F., Kanev, K., Hofmann, M., Wu, M., Ghoneim, H. E., Roelli, P., Utzschneider, D. T., von Hoesslin, M., Cullen, J. G., Fan, Y., Eisenberg, V., Wohlleber, D., Steiger, K., Merkler, D., Delorenzi, M., Knolle, P. A., Cohen, C. J., Thimme, R., Youngblood, B., Zehn, D. TOX reinforces the phenotype and longevity of exhausted T cells in chronic viral infection. <i>Nature</i> 571: 265-269, 2019. 2. Grant, A. V., El Baghdadi, J., Sabri, A., El Azbaoui, S., Alaoui-Tahiri, K., Rhorfi, I. A., Gharbaoui, Y., Abid, A., Benkirane, M., Raharimanga, V., Richard, V., Orlova, M., and 11 others. Age-dependent association between pulmonary tuberculosis and common TOX variants in the 8q12-13 linkage region. <i>Am. J. Hum. Genet.</i> 92: 407-414, 2013. 3. Gross, M. B. Personal Communication. Baltimore, Md. 5/7/2013.
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 Na ₂ HPO ₄ .
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.