Datasheet for ABIN7601667

anti-TOX2 antibody (AA 41-425)

Go to Product page

Overview

Quantity:	100 µg
Target:	TOX2
Binding Specificity:	AA 41-425
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOX2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	Anti-TOX2 Antibody Picoband®
Immunogen:	E.coli-derived human TOX2 recombinant protein (Position: Q41-A425).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-TOX2 Antibody Picoband® (ABIN7601667). Tested in ELISA, Flow Cytometry, IF, ICC, WB 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 as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	TOX2
Alternative Name:	TOX2 (TOX2 Products)
Background:	Synonyms: C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8, CPAMD8, KIAA1283 Tissue Specificity: Highly expressed in the kidney, brain and testis and to a lower extent in heart, liver and small intestine. Expressed in the lens, cornea and retina. Strongly expressed in the distal tips of the retinal neuroepithelium that form the iris and ciliary body. Background: TOX high mobility group box family member 2, also known as TOX2, is a human gene. Enables transcription coactivator activity. Involved in positive regulation of transcription by RNA polymerase II. Located in nucleoplasm.
Molecular Weight:	70 kDa
Gene ID:	84969

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Kajitani, T., Mizutani, T., Yamada, K., Yazawa, T., Sekiguchi, T., Yoshino, M., Kawata, H., Miyamoto, K. Cloning and characterization of granulosa cell high-mobility group (HMG)-box protein-1, a novel HMG-box transcriptional regulator strongly expressed in rat ovarian granulosa cells. Endocrinology 145: 2307-2318, 2004. 2. Scott, A. F. Personal Communication. Baltimore, Md. 7/3/2007.
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

Handling

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.