



Datasheet for ABIN6939531
anti-TOX3 antibody (AA 251-389)



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2 Images

Overview

Quantity:	100 µg
Target:	TOX3
Binding Specificity:	AA 251-389
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TOX3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant fragment of human TOX3 protein (around aa 251-389) (Exact sequence is proprietary)
Clone:	TOX3-1124
Isotype:	IgG1 kappa
Specificity:	It recognizes a 63 kDa protein, which is identified as TOX3. It contains a high mobility group (HMG)-box, which regulates Ca ²⁺ -dependent transcription in neurons through interaction with the cAMP-response-element-binding protein (CREB). TOX3 appears to be associated with breast cancer susceptibility and is expressed downstream of a cytoprotective cascade together with CITED1, a transcriptional regulator that does not bind directly to DNA. TOX3 is predominantly expressed in the brain and forms homodimers. TOX3 overexpression protects neuronal cells from cell death caused by endoplasmic reticulum stress or BAX overexpression

Product Details

through the induction of anti-apoptotic transcripts and repression of pro-apoptotic transcripts.

Purification: Purified by Protein A/G

Target Details

Target: TOX3

Alternative Name: TOX3 ([TOX3 Products](#))

Molecular Weight: 63kDa

Gene ID: 27324

UniProt: [O15405](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: Positive Control: SH-SY5Y, MDA-MB-435 cells. Brain or breast or gastric Carcinoma.
Known Application: ELISA (For coating, order Ab without BSA), Western Blot (1-2 µg/mL),
Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

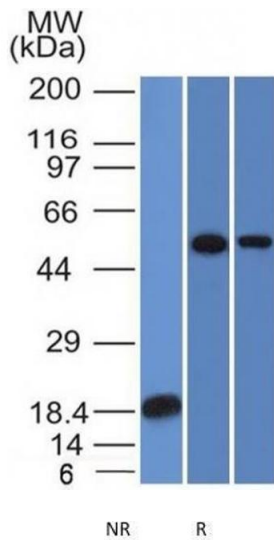
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

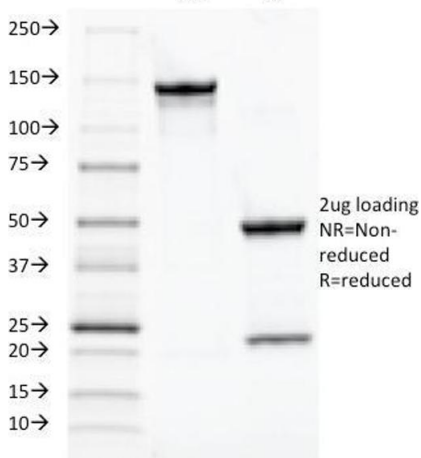
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



Western Blotting

Image 1. Western Blot Analysis (A) Recombinant protein (B) A549 (C) A431 TOX3 Mouse Monoclonal Antibody (TOX3/1124).



SDS-PAGE

Image 2. SDS-PAGE Analysis Purified TOX3 Mouse Monoclonal Antibody (TOX3/1124).