

Product datasheet

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ARG56189 anti-TOX3 antibody [TOX3/1123]

Package: 50 μg Store at: -20°C

Summary

Product Description Mouse Monoclonal antibody [TOX3/1123] recognizes TOX3

Tested Reactivity Hu
Tested Application WB

Host Mouse

Clonality Monoclonal
Clone TOX3/1123

Isotype IgG2b, kappa

Target Name TOX3
Species Human

Immunogen A recombinant fragment (139 amino acid residues around aa 200-400) from the human TOX3 protein.

Conjugation Un-conjugated

Alternate Names Trinucleotide repeat-containing gene 9 protein; TNRC9; TOX high mobility group box family member 3;

CAG trinucleotide repeat-containing gene F9 protein; CAGF9

Application Instructions

Application table	Application	Dilution
	WB	1 - 2 μg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	A431	
Observed Size	~ 53 kDa	

Properties

Form Liquid

Purification Purification with Protein G.

Buffer PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA.

Preservative 0.05% Sodium azide

Stabilizer 0.1 mg/ml BSA

Concentration 0.2 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

 $freeze/thaw\ cycles.\ Suggest\ spin\ the\ vial\ prior\ to\ opening.\ The\ antibody\ solution\ should\ be\ gently\ mixed$

before use.

Bioinformation

Database links <u>GeneID: 27324 Human</u>

Swiss-port # O15405 Human

Gene Symbol TOX3

Gene Full Name TOX high mobility group box family member 3

Background The protein encoded by this gene contains an HMG-box, indicating that it may be involved in bending

and unwinding of DNA and alteration of chromatin structure. The C-terminus of the encoded protein is glutamine-rich due to CAG repeats in the coding sequence. A minor allele of this gene has been implicated in an elevated risk of breast cancer. Two transcript variants encoding different isoforms have

been found for this gene.[provided by RefSeq, Apr 2009]

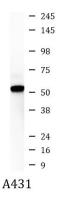
Function Transcriptional coactivator of the p300/CBP-mediated transcription complex. Activates transactivation

through cAMP response element (CRE) sites. Protects against cell death by inducing antiapoptotic and repressing pro-apoptotic transcripts. Stimulates transcription from the estrogen-responsive or BCL-2 promoters. Required for depolarization-induced transcription activation of the C-FOS promoter in neurons. Associates with chromatin to the estrogen-responsive C3 promoter region. [UniProt]

Calculated Mw 63 kDa

Cellular Localization Cytoplasmic & nuclear

Images



ARG56189 anti-TOX3 antibody [TOX3/1123] WB image

Western blot: A431 cell lysate stained with ARG56189 anti-TOX3 antibody [TOX3/1123].