

Rabbit anti-Human, mouse TOX3 Polyclonal Antibody | anti-TOX3 antibody

TOX3 Antibody (Center)

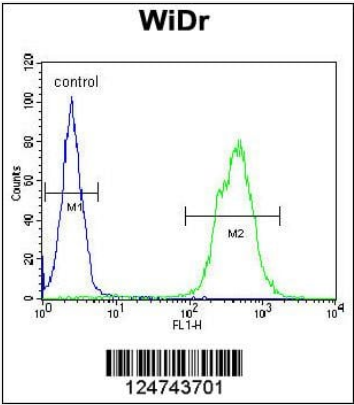
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284991	Rabbit	Human, mouse	Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

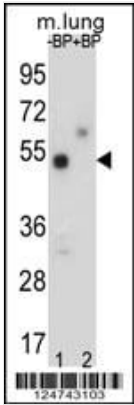
TOX3; Polyclonal Antibody; TOX3 Antibody (Center); TOX high mobility group box family member 3; CAG trinucleotide repeat-containing gene F9 protein; Trinucleotide repeat-containing gene 9 protein; CAGF9; TNRC9; anti-TOX3 antibody

PRODUCT SPECIFICATIONS

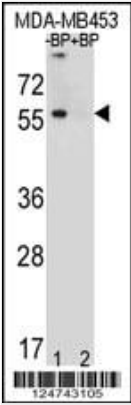
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TOX3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 214-242 amino acids from the Central region of human TOX3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.48 (varies by lot)
Sequence Positions	214-242
Sequence Length	571
Applicable Applications for anti-TOX3 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



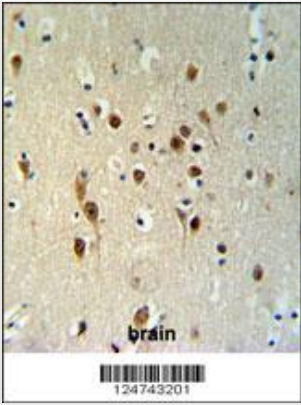
FCM/FACS (Flow Cytometry)
TOX3 Antibody (Center) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



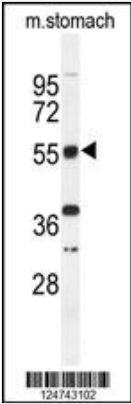
WB (Western Blot)
Western blot analysis of TOX3 Antibody (Center) Pab pre-incubated without (lane 1) and with (lane 2) blocking peptide in mouse lung tissue lysate. TOX3 Antibody (Center) (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of TOX3 Antibody (Center) Pab pre-incubated without (lane 1) and with (lane 2) blocking peptide in MDA-MB453 cell line lysate. TOX3 Antibody (Center) (arrow) was detected using the purified Pab.



IHC (Immunohistochemistry)
TOX3 Antibody (Center) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TOX3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of TOX3 Antibody (Center) in mouse stomach tissue lysates (35ug/lane). TOX3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TOX3 antibody

TOX3 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.

References	Wacholder, S., et al. N. Engl. J. Med. 362(11):986-993(2010) Odefrey, F., et al. Cancer Res. 70(4):1449-1458(2010) Couch, F.J., et al. Cancer Epidemiol. Biomarkers Prev. 18(11):3044-3048(2009) Stacey, S.N., et al. Nat. Genet. 39(7):865-869(2007)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226054295
NCBI GeneID	27324
NCBI Accession #	NP_001073899.2; NP_001139660.1
NCBI GenBank Nucleotide #	NM_001080430.2
UniProt Accession #	O15405; B4DRD0; B5MCW4
Molecular Weight	63342
NCBI Official Full Name	TOX high mobility group box family member 3 isoform 1
NCBI Official Synonym Full Names	TOX high mobility group box family member 3
NCBI Official Symbol	TOX3
NCBI Official Synonym Symbols	CAGF9; TNRC9
NCBI Protein Information	TOX high mobility group box family member 3
UniProt Protein Name	TOX high mobility group box family member 3
UniProt Gene Name	TOX3
UniProt Synonym Gene Names	CAGF9; TNRC9
UniProt Entry Name	TOX3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://www.aaabiotech.com/polyclonal/tox3-antibody-immunohistochemistry-flow-cytometry-western-blot-elisa/284991>