

Rabbit anti-Human TOX Polyclonal Antibody | anti-TOX antibody

TOX Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40125	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

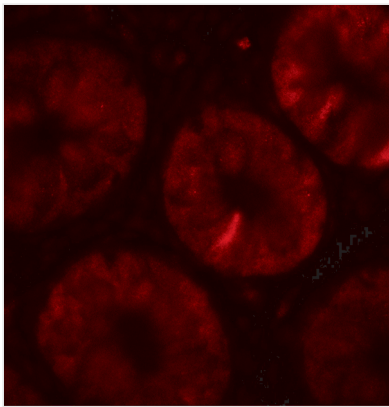
PRODUCT SYNONYMS

TOX; Polyclonal Antibody; TOX Antibody; TOX1; KIAA0808; Thymocyte selection-associated high mobility group box protein TOX; Thymus high mobility group box protein TOX; thymocyte selection-associated high mobility group box protein TOX; anti-TOX antibody

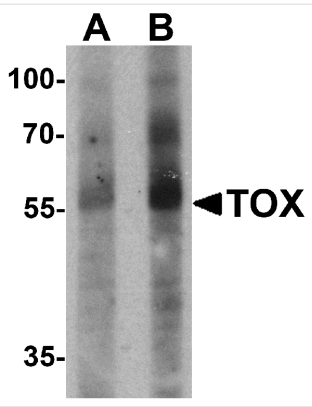
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No alternatively spliced transcript variants have been observed.
Purity/Purification	TOX Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	526
Applicable Applications for anti-TOX antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TOX antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human TOX.
Buffer	TOX Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	TOX antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of TOX in human colon tissue with TOX antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of TOX in human colon tissue lysate with TOX antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TOX antibody

TOX Antibody: TOX (thymocyte selection-associated high mobility group (HMG) box protein) is a member of the HMG box family of DNA-binding proteins and likely plays a role in the regulation of T-cell development. It is a 526 amino acid nuclear protein and the expression of TOX is upregulated by pre-T cell receptor (pre-TCR) and TCR activation in immature thymocytes. TOX-mediated positive selection is associated with up-regulation of RUNX3 and is calcineurin dependent. TOX-dependent transition to the CD4+CD8 stage is required for development of class II major histocompatibility complex-specific T cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7662322
NCBI GeneID	9760
NCBI Accession #	NP_055544
NCBI GenBank Nucleotide #	NM_014729.2
UniProt Accession #	O94900; Q96AV5
Molecular Weight	58 kDa
NCBI Official Full Name	thymocyte selection-associated high mobility group box protein TOX
NCBI Official Synonym Full Names	thymocyte selection-associated high mobility group box
NCBI Official Symbol	TOX
NCBI Official Synonym Symbols	TOX1
NCBI Protein Information	thymocyte selection-associated high mobility group box protein TOX; thymus high mobility group box protein TOX
UniProt Protein Name	Thymocyte selection-associated high mobility group box protein TOX
UniProt Gene Name	TOX
UniProt Synonym Gene Names	KIAA0808
UniProt Entry Name	TOX_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.