

Product datasheet for **TA334230**

TOX1 (TOX) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TOX antibody: synthetic peptide directed towards the N terminal of human TOX. Synthetic peptide located within the following region: CLDPYYCNKFDGENMYMSMTEPSQDYVPASQSYGPSLESEDFNIPPITP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	thymocyte selection associated high mobility group box
Database Link:	NP_055544 Entrez Gene 9760 Human O94900



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Background:

Some high-mobility group (HMG) box proteins (e.g., LEF1) contain a single HMG box motif and bind DNA in a sequence-specific manner, while other members of this family (e.g., HMG1) have multiple HMG boxes and bind DNA in a sequence-independent but structure-dependent manner. All HMG box proteins are able to induce a sharp bend in DNA. TOX contains a single HMG box motif. Some high-mobility group (HMG) box proteins (e.g., LEF1; MIM 153245) contain a single HMG box motif and bind DNA in a sequence-specific manner, while other members of this family (e.g., HMG1; MIM 163905) have multiple HMG boxes and bind DNA in a sequence-independent but structure-dependent manner. All HMG box proteins are able to induce a sharp bend in DNA. TOX contains a single HMG box motif. [supplied by OMIM]

Synonyms:

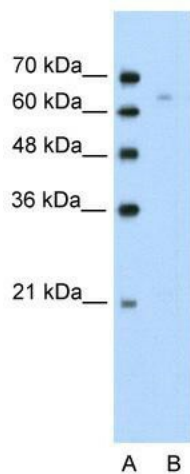
TOX1

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Rat: 92%

Protein Families:

Transcription Factors

Product images:

WB Suggested Anti-TOX Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate TOX is supported by BioGPS gene expression data to be expressed in Jurkat