

AP42233PU-N

Polyclonal Antibody to TOX - Aff - Purified

Alternate names:	KIAA0808, Thymocyte selection-associated high mobility group box protein TOX, Thymus high mobility group box protein TOX
Quantity:	50 µg
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) 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.[supplied by OMIM].
Uniprot ID:	Q94900
NCBI:	NP_055544
GeneID:	9760
Host:	Rabbit
Immunogen:	The immunogen for anti-TOX antibody: synthetic peptide directed towards the N terminal of human TOX. AA Sequence: CLDPYYCNKFDGENMYMSMTEPSQDYVPASQSYGPSLESEDFNIPPITP
Format:	State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Purification: Purified using peptide immunoaffinity column
Applications:	Western blotting (0.2 - 1 µg/ml) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Species Reactivity:	Tested: Human Expected from sequence similarity: Mouse, Dog, Rat, Bovine, Chicken
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Aliahmad,P., (2004) J. Exp. Med. 199 (8), 1089-1099

Pictures:

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

