

For Research Use Only

TOX Polyclonal antibody

Catalog Number: 34301-1-AP



Basic Information

Catalog Number:

34301-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG41257

GenBank Accession Number:

BC016665

GeneID (NCBI):

9760

UNIPROT ID:

O94900

Full Name:

thymocyte selection-associated high mobility group box

Calculated MW:

526 aa, 58 kDa

Observed MW:

57-70 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, MOLT-4 cells, Raji cells

Background Information

Thymocyte selection-associated high-mobility group box (TOX) is a DNA-binding factor that can regulate transcription by modifying local chromatin structure and modulating the formation of multi-protein complexes. TOX has multiple roles in the development of the adaptive immune system including development of CD4 T cells, NK cells and lymph node organogenesis (PMID: 35485425). Two bands detected at ~63 kDa and ~57kDa were presumed to be the unmodified form and the post-translationally form of TOX, respectively, (PMID: 32106280).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

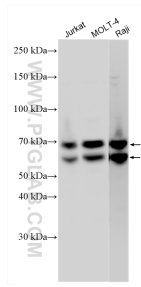
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34301-1-AP (TOX antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.