

For Research Use Only

TOX Polyclonal antibody, PBS Only

Catalog Number:34301-1-PBS



Basic Information

Catalog Number:

34301-1-PBS

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

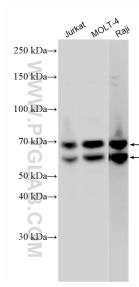
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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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. This data was developed using the same antibody clone with 34301-1-PBS in a different storage buffer formulation.