

For Research Use Only

# TOX3 Polyclonal antibody, PBS Only

Catalog Number: 28338-1-PBS



## Basic Information

Catalog Number:

28338-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28251

GenBank Accession Number:

NM\_001080430

GeneID (NCBI):

27324

UNIPROT ID:

O15405

Full Name:

TOX high mobility group box family member 3

Calculated MW:

63 aa

Observed MW:

63 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

TOX3, also known as TNRC9 (trinucleotide repeat containing 9), is a neuronal transcription factor containing a nuclear localization signal and a high mobility group (HMG)-box domain followed by a C-terminal poly-glutamine stretch. TOX3 is specifically expressed in the estrogen receptor alpha positive (ER+) subset of murine mammary luminal epithelial cells, including a recently identified progenitor cell subset (PMID: 19196971). TOX3 expression is negatively correlated with the immunotherapy targets PD-1, PD-L1 and HAVCR2 in lung adenocarcinoma, indicating that it serves a role in immunity activation (PMID: 27080130).

## 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:

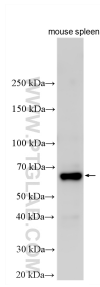
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28338-1-AP (TOX3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 28338-1-PBS in a different storage buffer formulation.