

For Research Use Only

TOX3 Polyclonal antibody

Catalog Number: 28338-1-AP



Basic Information

Catalog Number:

28338-1-AP

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

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB: mouse spleen tissue,

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 -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:

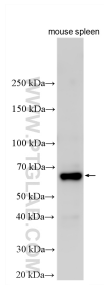
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.