

For Research Use Only

TOX3 Polyclonal antibody, PBS Only

Catalog Number: 28338-1-PBS



Basic Information

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| Catalog Number: 28338-1-PBS | GenBank Accession Number: NM_001080430 | Purification Method: Antigen affinity purification |
| Size: 100ug, Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 27324 | |
| Source: Rabbit | UNIPROT ID: O15405 | |
| Isotype: IgG | Full Name: TOX high mobility group box family member 3 | |
| Immunogen Catalog Number: AG28251 | Calculated MW: 63 aa | |
| | Observed MW: 63 kDa | |

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.

Storage Buffer:
PBS only, pH7.3

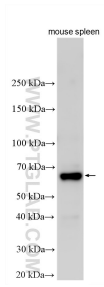
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.