

For Research Use Only

TOX3 Polyclonal antibody

Catalog Number: 28338-1-AP



Basic Information

Catalog Number: 28338-1-AP	GenBank Accession Number: NM_001080430	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 390 ug/ml by Nanodrop;	GeneID (NCBI): 27324	Recommended Dilutions: WB: 1:500-1:2000
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, ELISA	Positive Controls: WB : mouse spleen tissue,
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 -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

*** 20ul sizes contain 0.1% BSA

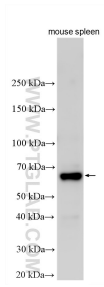
For technical support and original validation data for this product please contact:

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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.