

Anti-TBX3 Antibody

Catalog Number: A01107

About TBX3

Heat shock protein HSP 90-alpha is a protein that in humans is encoded by the HSP90AA1 gene. The gene, HSP90AA1, encodes the human stress-inducible 90-kDa heat shock protein alpha (Hsp90A). Complemented by the constitutively expressed paralog Hsp90B which shares over 85% amino acid sequence identity, Hsp90A expression is initiated when a cell experiences proteotoxic stress. Once expressed Hsp90A dimers operate as molecular chaperones that bind and fold other proteins into their functional 3-dimensional structures. This molecular chaperoning ability of Hsp90A is driven by a cycle of structural rearrangements fueled by ATP hydrolysis. Current research on Hsp90A focuses in its role as a drug target due to its interaction with a large number of tumor promoting proteins and its role in cellular stress adaptation.

Overview

Product Name	Anti-TBX3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TBX3 Antibody catalog # A01107. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal 2D3
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O15119

Technical Details

Immunogen	Synthesized peptide derived from the Internal region of human TBX3. at AA range: 270-350
Predicted Reactive Species	Bovine, Canine, Guinea Pig, Rabbit
Isotype	IgG
Form	Liquid
Concentration	0.96 mg/mL by UV absorbance at 280 nm
Purification	Immunogen affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

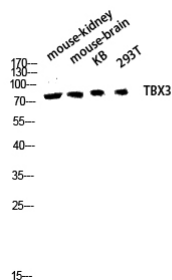
If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

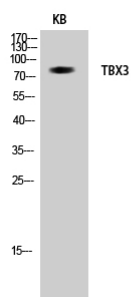
Boster Bio's internal QC testing used:

WB, 1:500-1:2000

Anti-TBX3 Antibody (A01107) Images



Western Blot (WB) analysis of Mouse Kidney Mouse Brain KB 293T lysis using TBX3 antibody.



Western Blot (WB) analysis of KB cells using TBX3 Polyclonal antibody.

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