

Datasheet for ABIN1538939  
**anti-TBX4 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

|                      |                       |
|----------------------|-----------------------|
| Quantity:            | 400 µL                |
| Target:              | TBX4                  |
| Binding Specificity: | AA 103-129, N-Term    |
| Reactivity:          | Human, Mouse          |
| Host:                | Rabbit                |
| Clonality:           | Polyclonal            |
| Application:         | Western Blotting (WB) |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | This TBX4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-129 amino acids from the N-terminal region of human TBX4. |
| Clone:                | RB39552  |
| Isotype:              | Ig Fraction  |
| Predicted Reactivity: | C, Rat, X  |
| Purification:         | This antibody is purified through a protein A column, followed by peptide affinity purification.   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | TBX4  |
| Alternative Name: | TBX4 ( <a href="#">TBX4 Products</a> )  |
| Background:       | This gene is a member of a phylogenetically conserved family of genes that share a common |

## Target Details

DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is the human homolog of mouse Tbx4, which is closely linked to Tbx2 on mouse chromosome 11. Similarly this gene, like TBX2, maps to human chromosome 17. Expression studies in mouse and chicken show that Tbx4 is expressed in developing hindlimb, but not in forelimb buds, suggesting a role for this gene in regulating limb development and specification of limb identity.

Molecular Weight: 60204

Gene ID: 9496

NCBI Accession: [NP\\_060958](#)

UniProt: [P57082](#)

## Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

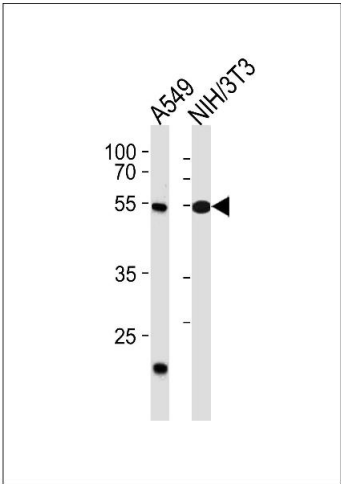
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: TBX4 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

**Image 1.** TBX4 Antibody (N-term) (ABIN1538939 and ABIN2850400) western blot analysis in A549,mouse NIH/3T3 cell line lysates (35 µg/lane).This demonstrates the TBX4 antibody detected the TBX4 protein (arrow).