

Datasheet for ABIN6991657  
**anti-TSHZ1 antibody (N-Term)**



[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	TSHZ1
Binding Specificity:	AA 70-120, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSHZ1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	TSHZ1 antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human TSHZ1. The immunogen is located within amino acids 70 - 120 of TSHZ1.
Isotype:	IgG
Purification:	TSHZ1 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	TSHZ1
Alternative Name:	TSHZ1 ( <a href="#">TSHZ1 Products</a> )
Background:	TSHZ1 Antibody: The Teashirt zinc finger homeobox (TSHZ) family comprise a family of evolutionarily conserved transcription factors that, in Drosophila, are active in specific body parts for patterning, but whose function in vertebrates is less clear. TSHZ1 has been found to

## Target Details

be required for axial skeleton, soft palate and middle ear development in mice and may be involved in a common pathway with the Hox genes. Both TSHZ1 and the related protein TSHZ3 have been found to interact with FE65, an adapter protein that binds to the amyloid protein precursor (APP) in neurons. Together with SET, a component of the inhibitor of acetyl transferase, and histone deacetylases, these proteins formed a gene-silencing complex whose target includes caspase-4.

Gene ID:	10194
NCBI Accession:	<a href="#">NP_005777</a>
UniProt:	<a href="#">Q6ZSZ6</a>

## Application Details

**Application Notes:** TSHZ1 antibody can be used for detection of TSHZ1 by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 2.5 µg/mL. For immunofluorescence start at 2.5 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunocytochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	TSHZ1 Antibody is supplied in PBS containing 0.02 % 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:	-20 °C, 4 °C
Storage Comment:	TSHZ1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.