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## Datasheet for ABIN6991658 **anti-TSHZ2 antibody (N-Term)**

### Overview

Quantity:	0.1 mg
Target:	TSHZ2 (tshz2)
Binding Specificity:	AA 30-80, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSHZ2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	TSHZ2 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human TSHZ2. The immunogen is located within amino acids 30 - 80 of TSHZ2.
Isotype:	IgG
Purification:	TSHZ2 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	TSHZ2 (tshz2)
Alternative Name:	TSHZ2 ( <a href="#">tshz2 Products</a> )
Background:	TSHZ2 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. In mice, the known three

## Target Details

TSHZ proteins are expressed in distinct patterns in the developing and adult brain, suggesting that they play a role in the establishment of regional identity and specification of cell types within the brain. Recent experiments have shown that the expression of TSHZ2 is frequently downregulated in most breast and prostate cancers and its promoter was unmethylated in virtually all cases, suggesting this family of proteins may also be involved in carcinogenesis.

Gene ID: 128553

NCBI Accession: [NP\\_775756](#)

UniProt: [Q9NRE2](#)

## Application Details

Application Notes: TSHZ2 antibody can be used for detection of TSHZ2 by Western blot at 1 µg/mL. Antibody can also be used for immunofluorescence starting at 20 µg/mL. For immunofluorescence start at 5 µg/mL.

Antibody validated: Western Blot 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: TSHZ2 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: TSHZ2 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.