

Datasheet for ABIN6991659
anti-TSHZ3 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	TSHZ3
Binding Specificity:	AA 60-110, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSHZ3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	TSHZ3 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human TSHZ3. The immunogen is located within amino acids 60 - 110 of TSHZ3.
Isotype:	IgG
Purification:	TSHZ3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TSHZ3
Alternative Name:	TSHZ3 (TSHZ3 Products)
Background:	TSHZ3 Antibody: The Teashirt zinc finger homeobox (TSHZ) family comprise a family of evolutionarily conserved transcription factors that, in Drosophila, are active in specific body

Target Details

parts for patterning, but whose function in vertebrates is less clear. In mice, the known three 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. Both TSHZ3 and TSHZ1 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. Recent experiments have also suggested this family of proteins may be involved in carcinogenesis.

Gene ID:	57616
NCBI Accession:	NP_065907
UniProt:	Q63HK5
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes: TSHZ3 antibody can be used for detection of TSHZ3 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 2.5 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry 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:	TSHZ3 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:	TSHZ3 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.