

Anti-Teashirt homolog 2 TSHZ2 Antibody

Catalog Number: A08863-1

About TSHZ2

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 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.

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Overview

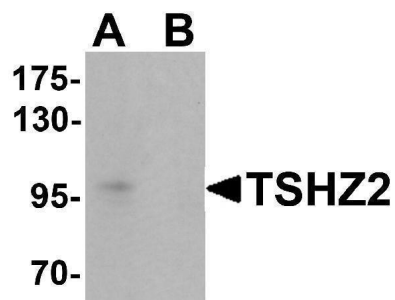
Product Name	Anti-Teashirt homolog 2 TSHZ2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Teashirt homolog 2 TSHZ2 Antibody (Catalog # A08863-1). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	TSHZ2 Antibody is supplied in PBS containing $\leq 0.09\%$ sodium azide.
Storage Instructions	TSHZ2 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9NRE2

Technical Details

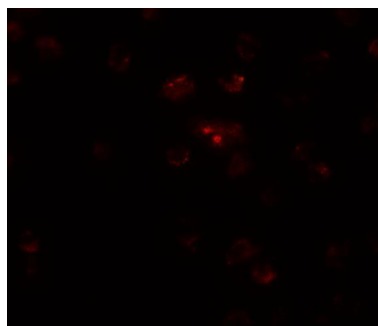
Immunogen	TSHZ2 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human TSHZ2. The immunogen is located within amino acids 30 - 80 of TSHZ2.
Predicted Reactive Species	Pig
Isotype	IgG

Form	Liquid
Concentration	1 mg/mL
Purification	TSHZ2 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TSHZ2 antibody can be used for detection of TSHZ2 by Western blot at 1 ug/mL. Antibody can also be used for immunofluorescence starting at 20 ug/mL. For immunofluorescence start at 5 ug/mL. Antibody validated: Western Blot in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-Teashirt homolog 2 TSHZ2 Antibody (A08863-1) Images



Western blot analysis of TSHZ2 in A-20 cell lysate with TSHZ2 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence of TSHZ2 in A20 cells with TSHZ2 antibody at 20 ug/mL.

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