

Anti-Teashirt homolog 1 TSHZ1 Antibody

Catalog Number: A08315

About TSHZ1

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 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.

Overview

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| Product Name | Anti-Teashirt homolog 1 TSHZ1 Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-Teashirt homolog 1 TSHZ1 Antibody (Catalog # A08315). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat. |
| Application | ELISA, IF, ICC, WB |
| Clonality | Polyclonal |
| Formulation | TSHZ1 Antibody is supplied in PBS containing 0.02% sodium azide. |
| Storage Instructions | TSHZ1 antibody can be stored at 4°C for three months and -20°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 | Q6ZSZ6 |

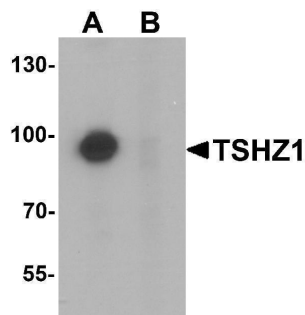
Technical Details

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| 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. |
| Predicted Reactive Species | Chicken |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | TSHZ1 Antibody is affinity chromatography purified via peptide column. |

Suggested Dilutions

TSHZ1 antibody can be used for detection of TSHZ1 by Western blot at 1 ug/mL. Antibody can also be used for immunocytochemistry starting at 2.5 ug/mL. For immunofluorescence start at 2.5 ug/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. Optimal dilutions for each application should be determined by the researcher.

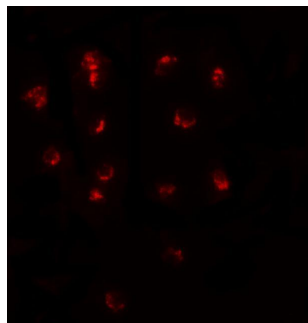
Anti-Teashirt homolog 1 TSHZ1 Antibody (A08315) Images



Western blot analysis of TSHZ1 in A-20 cell lysate with TSHZ1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of TSHZ1 in A20 cells with TSHZ1 antibody at 2.5 ug/mL.



Immunofluorescence of TSHZ1 in A20 cells with TSHZ1 antibody at 20 ug/mL.

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