

Datasheet for ABIN1450130
anti-TSHZ1 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	TSHZ1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSHZ1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	16 amino acid synthetic peptide near the amino terminus of Human TSHZ1
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	TSHZ1
Alternative Name:	SDCCAG33 / TSHZ1 (TSHZ1 Products)
Background:	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

Target Details

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. Synonyms: Antigen NY-CO-33, Serologically defined colon cancer antigen 33, TSH1, Teashirt homolog 1

Gene ID: 10194

NCBI Accession: [NP_005777](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

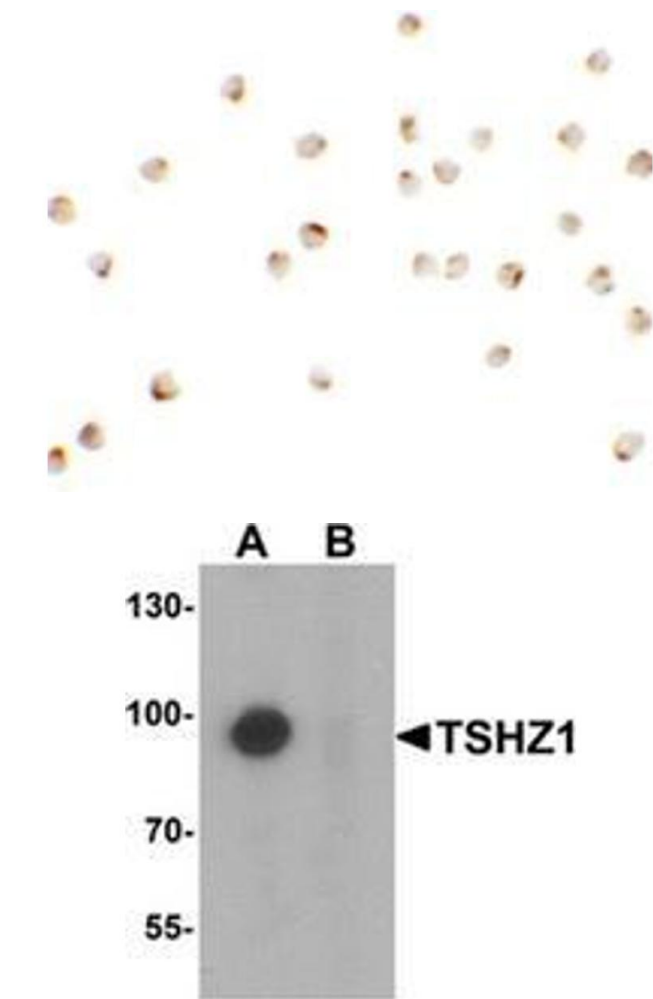
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunofluorescence

Image 1. Immunocytochemistry of TSHZ1 in A20 cells with TSHZ1 antibody at 2.5 ug/mL.

Western Blotting

Image 2. Western blot analysis of TSHZ1 in A-20 cell lysate with TSHZ1 Antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.