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Datasheet for ABIN1399612

**anti-TSHZ3 antibody (AA 461-570) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	TSHZ3 (ZNF537)
Binding Specificity:	AA 461-570
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSHZ3 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TSHZ3/ZNF537
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	TSHZ3 (ZNF537)
Alternative Name:	ZNF537 ( <a href="#">ZNF537 Products</a> )
Background:	Synonyms: teashirt homolog 3, Zinc finger protein 537, TSHZ3, TSH3, ZNF537, TSH3_HUMAN.

## Target Details

Background: The homeobox DNA-binding domain is a 60 amino acid motif that is conserved among many species and functions to bind DNA via a helix-turn-helix structure, thereby playing a role in transcriptional regulation and the control of gene expression. TSHZ3 (teashirt zinc finger homeobox 3), also known as KIAA1474, TSH3 or ZNF537, is a 1,081 amino acid protein that contains one homeobox DNA-binding domain and five C2H2-type zinc fingers. Localized to the nucleus, TSHZ3 functions as a transcriptional regulator that is involved in developmental processes throughout the body. The gene encoding TSHZ3 maps to human chromosome 19, which consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes.

Gene ID:	57616
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</a>

## Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months