

Datasheet for ABIN953266  
**anti-LZTS1 antibody (N-Term)**



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1 Image

## Overview

Quantity:	0.4 mL
Target:	LZTS1
Binding Specificity:	AA 76-105, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LZTS1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 76-105 amino acids from the N-terminal region of human LZTS1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human LZTS1 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	LZTS1
Alternative Name:	LZTS1 ( <a href="#">LZTS1 Products</a> )
Background:	This gene encodes a tumor suppressor protein that is ubiquitously expressed in normal tissues.

## Target Details

In uveal melanomas, expression of this protein is silenced in rapidly metastasizing and metastatic tumor cells but has normal expression in slowly metastasizing or nonmetastasizing tumor cells. This protein may have a role in cell-cycle control by interacting with the Cdk1/cyclinB1 complex. This gene is located on chromosomal region 8p22. Loss of heterozygosity (LOH) in the 8p arm is a common characteristic of many types of cancer. Synonyms: F37/esophageal cancer-related gene-coding leucine-zipper motif, FEZ1, LZTS1, Leucine zipper putative tumor suppressor 1

Molecular Weight: 66613 Da

Gene ID: 11178

NCBI Accession: [NP\\_066300](#)

Pathways: [Synaptic Membrane](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

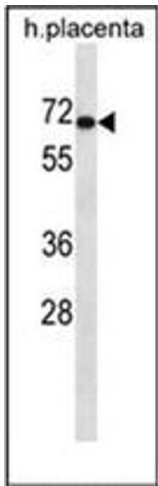
Preservative: Sodium azide

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.



Western Blotting

**Image 1.** Western blot analysis of LZTS1 Antibody (N-term) in human placenta tissue lysates (35ug/lane). This demonstrates the LZTS1 antibody detected the LZTS1 protein (arrow).