

Datasheet for ABIN2780806  
**anti-LZTR1 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	LZTR1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Zebrafish (Danio rerio), Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LZTR1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LZTR1
Sequence:	AGPGSTGGQI GAAALAGGAR SKVAPSVDFD HSCSDSVEYL TLNFGPFETV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against LZTR1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	LZTR1
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## Target Details

Alternative Name: LZTR1 ([LZTR1 Products](#))

Background: Leucine-zipper-like transcriptional regulator 1 (LZTR1) is believed to be a DNA-binding protein and transcriptional regulator based on its predicted structural characteristics. The transcript is present in several essential fetal organs and is hemizygotously deleted in some DiGeorge syndrome patients. LZTR1 is thought to play a critical role in embryogenesis. This gene encodes a member of the BTB-kelch superfamily. Initially described as a putative transcriptional regulator based on weak homology to members of the basic leucine zipper-like family, the encoded protein subsequently has been shown to localize exclusively to the Golgi network where it may help stabilize the Golgi complex. Deletion of this gene may be associated with DiGeorge syndrome.

Alias Symbols: LZTR-1, MGC21205, TCFL2

Protein Interaction Partner: LZTR1, TUBGCP4, CUL3, UBC, CNOT6L, ZNF584, ZNF714, ASB12, FANK1, TRIM5, KDM2B, L3MBTL3, POLR1B, ANKRD53, EHMT1, E2F8, PAPOLG, ZNF490, SND1, AATF, ZNF451, ZZZ3, SCMH1, ZBTB1, WWP1, RAI1, CEBPZ, SUGP2, NR1H3, CHAF1A, MED16, HDAC4, MED7, RUVBL1, IKBKG, ZNF17

Protein Size: 840

Molecular Weight: 95 kDa

Gene ID: 8216

NCBI Accession: [NM\\_006767](#), [NP\\_006758](#)

UniProt: [Q8N653](#)

## Application Details

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

Comment: Antigen size: 840 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

## Handling

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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



**Western Blotting**

**Image 1.** WB Suggested Anti-LZTR1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human Liver