LZTR1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LZTR1, Polyclonal Antibody
Full Product Name	LZTR1 Antibody
Product Gene Name	anti-LZTR1 antibody
Product Synonym Names	TCFL2; Leucine-zipper-like transcriptional regulator 1; LZTR-1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of LZTR1 protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	94,719 Da
OMIM	gene 615670
3D Structure	ModBase 3D Structure for Q8N653
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human LZTR1. The exact sequence is proprietary.
Product Categories/Family for anti-LZTR1 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LZTR1 antibody	Western Blot (WB)
Application Notes for anti-LZTR1 antibody	WB: 1:500-1:1000
Related Product Information for anti-LZTR1 antibody	MBS8581185 is an antibody targeting LZTR1. Also known as LZTR1 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to LZTR1
Other Notes	Small volumes of anti-LZTR1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LZTR1. It may not necessarily be applicable to this product.

NCBI GI #	90403050
NCBI GeneID	8216
NCBI Accession #	CAJ86451

UniProt Primary Accession #	Q8N653
UniProt Secondary Accession #	Q14776; Q20WK0
UniProt Related Accession #	Q8N653
NCBI Official Full Name	LZTR1
NCBI Official Synonym Full Names	leucine-zipper-like transcription regulator 1
NCBI Official Symbol	LZTR1
NCBI Official Synonym Symbols	BTBD29; LZTR-1; SWNTS2
UniProt Protein Name	Leucine-zipper-like transcriptional regulator 1
Protein Family	Leucine-zipper-like transcriptional regulator
UniProt Gene Name	LZTR1
UniProt Synonym Gene Names	TCFL2; LZTR-1
UniProt Entry Name	LZTR1_HUMAN
NCBI Protein Information	leucine-zipper-like transcriptional regulator 1; leucine-zipper-like regulator-1
NCBI Summary for LZTR1	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 Gogli complex. Deletion of this gene may be associated with DiGeorge syndrome. [provided by RefSeq, Jul 2008]
UniProt Comments for LZTR1	LZTR1: Probable transcriptional regulator that may play a crucial role in embryogenesis. Protein type: EC 3.4.22.-; Transcription factor Chromosomal Location of Human Ortholog: 22q11.21|22q11.1-q11.2 Molecular Function: transcription factor activity Biological Process: anatomical structure morphogenesis; regulation of transcription, DNA-dependent Disease: Schwannomatosis 2
Research Articles on LZTR1	**1.** Germline loss-of-function mutations in LZTR1 predispose to an inherited disorder of multiple schwannomas.
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