

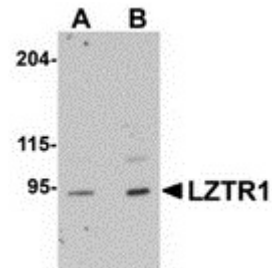
Polyclonal Antibody to LZTR1 - Aff - Purified

Alternate names:	Leucine zipper-like transcription regulator 1
Catalog No.:	TA306929
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	LZTR1, a member of the BTB-kelch superfamily, was 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, a developmental field defect involving the third and fourth pharyngeal pouches, causing the absence of thymus and parathyroid glands, congenital cardiac abnormalities and facial dysmorphism. LZTR1 is tyrosine phosphorylated and subsequently degraded upon induction of apoptosis.
Uniprot ID:	Q20WK0
NCBI:	CAJ86451
GeneID:	8216
Host / Isotype:	Rabbit / IgG
Immunogen:	LZTR1 antibody was raised against a 14 amino acid peptide near the amino terminus of human LZTR1.
Format:	State: Liquid Ig fraction Purification: Peptide affinity chromatography Buffer System: PBS containing 0.02% sodium azide
Applications:	ELISA. Western blot: 1 - 2 µg/ml. Immunohistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Species Reactivity:	Tested: Human, mouse, rat
Add. Information:	Blocking peptide available: AP30526CP-N
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Kurahashi H, Akagi K, Inazawa J, Ohta T, Niikawa N, Kayatani F, et al. Isolation and characterization of a novel gene deleted in DiGeorge syndrome. Hum Mol Genet. 1995 Apr;4(4):541-9. PubMed PMID: 7633402. 2. Nacak TG, Leptien K, Fellner D, Augustin HG, Kroll J. The BTB-kelch protein LZTR-1 is a

novel Golgi protein that is degraded upon induction of apoptosis. J Biol Chem. 2006 Feb 24;281(8):5065-71. Epub 2005 Dec 15. PubMed PMID: 16356934.

Pictures:

Western blot analysis of LZTR1 in human heart tissue lysate with LZTR1 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of LZTR1 in mouse heart tissue with LZTR1 antibody at 5 ug/mL.

