

**LZTFL1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58287**

**Specification**

**LZTFL1 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">Q9NQ48</a>
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LZTFL1
Epitope Specificity	101-200/299
Isotype	IgG
<b>Purity</b>	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the LZTFL 1 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

LZTFL1 (Leucine zipper transcription factor-like 1) contains a leucine zipper pattern and coiled-coil domains.

**LZTFL1 Polyclonal Antibody - Additional Information**

**Gene ID** 54585

**Other Names**

Leucine zipper transcription factor-like protein 1, LZTFL1

**Target/Specificity**

Expressed in testis, heart, skeletal muscle, pancreas, hymus, spleen, prostate, ovary, small intestine, colon, and peripheral blood leukocytes.

**Dilution**

<span class ="dilution\_WB">WB~~1:1000</span><br /><span class ="dilution\_IHC-P">IHC-P~~N/A</span><br /><span class ="dilution\_IHC-F">IHC-F~~N/A</span><br /><span class ="dilution\_IF">IF~~1:50~200</span><br /><span class ="dilution\_E">E~~N/A</span>

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH

7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

### LZTFL1 Polyclonal Antibody - Protein Information

**Name** LZTFL1

#### **Function**

Regulates ciliary localization of the BBSome complex. Together with the BBSome complex, controls SMO ciliary trafficking and contributes to the sonic hedgehog (SHH) pathway regulation. May play a role in neurite outgrowth. May have tumor suppressor function.

#### **Cellular Location**

Cytoplasm

#### **Tissue Location**

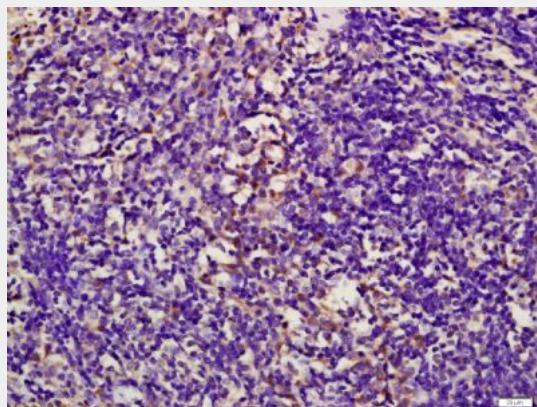
Expressed in prostate, ovary, stomach, pancreas, esophagus, breast, liver, bladder, kidney, thyroid, colon and lung (at protein level). Down-regulated in multiple primary tumors (at protein level). Detected in testis, heart, skeletal muscle, thymus, spleen, small intestine, and peripheral blood leukocytes

### LZTFL1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### LZTFL1 Polyclonal Antibody - Images



Tissue/cell: rat spleen tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-LZTFL1 Polyclonal Antibody, Unconjugated(bs-5138R) 1:200, overnight at 4°C,  
followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining