

**LZIC Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17735c**

**Specification**

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**LZIC Antibody (Center) - Product Information**

Application	IF, WB, IHC-P-Leica, FC,E
Primary Accession	<a href="#">Q8WZA0</a>
Other Accession	<a href="#">Q5PON7</a> , <a href="#">Q8K3C3</a> , <a href="#">Q6DHH7</a> , <a href="#">NP_115744.2</a>
Reactivity	Human, Rat
Predicted	Zebrafish, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	81-109

**LZIC Antibody (Center) - Additional Information**

**Gene ID** 84328

**Other Names**

Protein LZIC, Leucine zipper and CTNNBIP1 domain-containing protein, Leucine zipper and ICAT homologous domain-containing protein, LZIC

**Target/Specificity**

This LZIC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 81-109 amino acids from the Central region of human LZIC.

**Dilution**

IF~~1:25  
WB~~1:2000  
IHC-P-Leica~~1:500  
FC~~1:25

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

LZIC Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**LZIC Antibody (Center) - Protein Information**

**Name** LZIC

**Tissue Location**

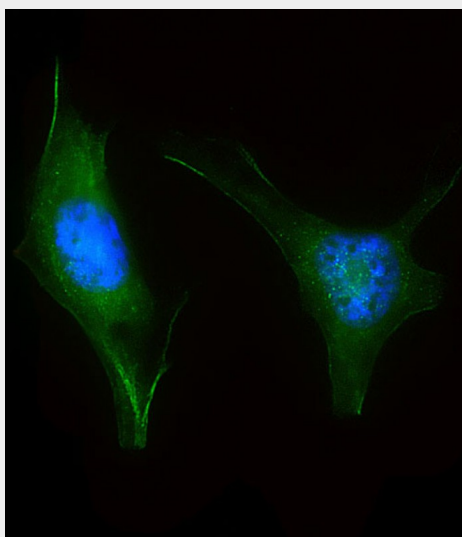
Ubiquitously expressed, with highest levels in kidney. Up-regulated in several cases of gastric cancers

**LZIC Antibody (Center) - Protocols**

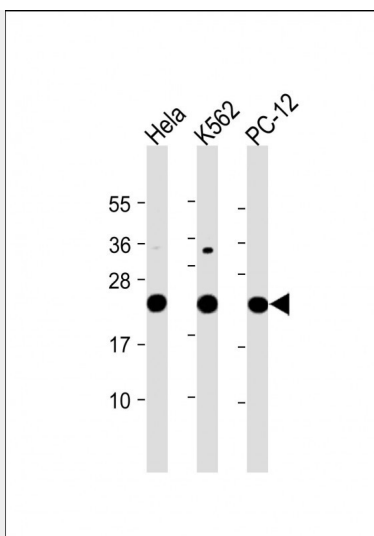
Provided below are standard protocols that you may find useful for product applications.

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

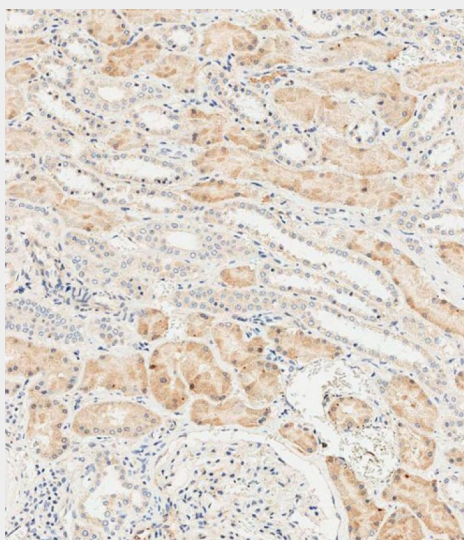
**LZIC Antibody (Center) - Images**



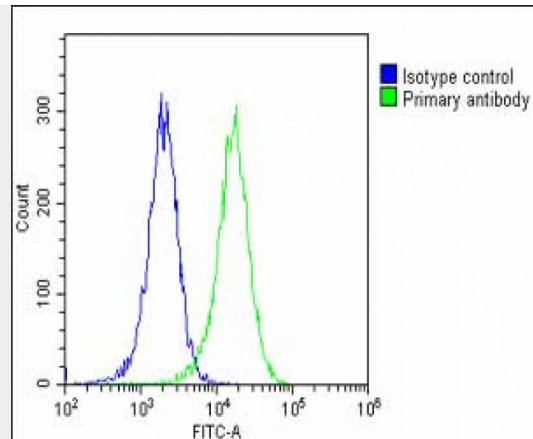
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa cells labeling LZIC with AP17735 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-Rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing Nucleus and Cytoplasm Weak Membrane staining on HeLa cell line. The nuclear counter stain is DAPI (blue).



All lanes : Anti-LZIC Antibody (Center) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: K562 whole cell lysate Lane 3: PC-12 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using AP17735 performed on the Leica® BOND RXm. Samples were incubated with primary antibody(1/500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Overlay histogram showing Hela cells stained with AP17735c(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP17735c, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10, 000 events was performed.

#### **LZIC Antibody (Center) - Background**

LZIC belongs to the CTNNBIP1 family. It is ubiquitously expressed with highest levels in kidney. LZIC is up-regulated in several cases of gastric cancers.

#### **LZIC Antibody (Center) - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)  
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)  
Lamesch, P., et al. Genomics 89(3):307-315(2007)  
Katoh, M. Int. J. Mol. Med. 8(6):611-615(2001)