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LZIC Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17735c

Product Information

Application	IF, WB, FC, IHC-P-Leica, E
Primary Accession	Q8WZA0
Other Accession	Q5PQN7, Q8K3C3, Q6DHH7, NP_115744.2
Reactivity	Human, Rat
Predicted	Zebrafish, Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37935
Calculated MW	21495
Antigen Region	81-109

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 FC~~1:25 IHC-P-Leica~~1:500 E~~Use at an assay dependent concentration.
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.

Protein Information

Name	LZIC
Tissue Location	Ubiquitously expressed, with highest levels in kidney. Up-regulated in several

cases of gastric cancers

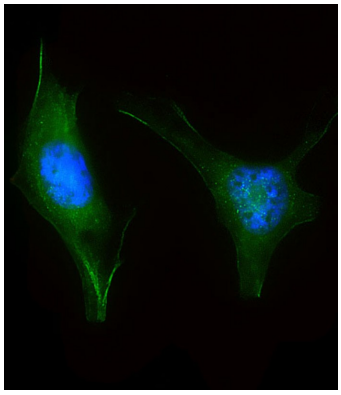
Background

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.

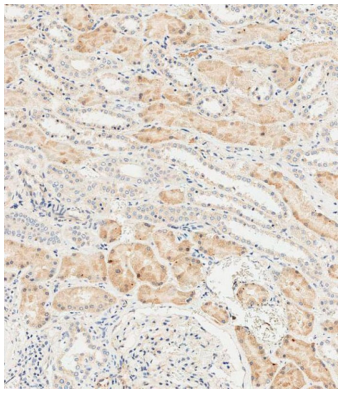
References

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)

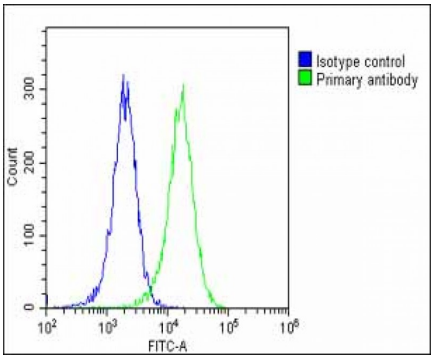
Images



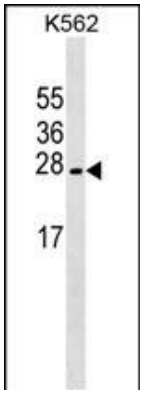
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0. 1% Triton X-100 permeabilized Hela cells labeling LZIC with AP17735 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-Rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing Nucleus and Cytoplasm,Weak Membrane staining on Hela cell line. The nuclear counter stain is DAPI (blue).



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 icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP17735c, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.



LZIC Antibody (Center) (Cat. #AP17735c) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the LZIC antibody detected the LZIC protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.