

For Research Use Only

# LZIC Polyclonal antibody

Catalog Number: 14543-1-AP



## Basic Information

Catalog Number:

14543-1-AP

Size:

1000  $\mu$ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6047

GenBank Accession Number:

BC063443

GeneID (NCBI):

84328

UNIPROT ID:

Q8WZA0

Full Name:

leucine zipper and CTNNBIP1 domain containing

Calculated MW:

21 kDa

Observed MW:

21-24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : BxPC-3 cells, HepG2 cells, HEK-293 cells

## Background Information

LZIC is closely related to ICAT, a physiological inhibitor of the Wnt pathway that interacts physically and functionally with  $\beta$ -catenin to prevent the transcription of Wnt target genes. LZIC's ICAT-homologous region is highly similar to ICAT with particular conservation of residues that are used by ICAT for  $\beta$ -catenin-binding. LZIC does not interact with  $\beta$ -catenin in vitro or in vivo. LZIC is a protein conserved in vertebrates, is required for neuronal survival.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

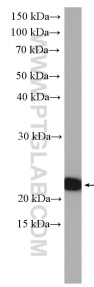
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



BxPC-3 cells were subjected to SDS PAGE followed by western blot with 14543-1-AP (LZIC antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.