

For Research Use Only

LZIC Polyclonal antibody

Catalog Number: 14543-1-AP



Basic Information

Catalog Number: 14543-1-AP	GenBank Accession Number: BC063443	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 84328	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: leucine zipper and CTNNBIP1 domain containing	
Isotype: IgG	Calculated MW: 21 kDa	
Immunogen Catalog Number: AG6047	Observed MW: 21-24 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : BxPC-3 cells, HepG2 cells, HEK-293 cells
Species Specificity: human	

Background Information

LZIC is closely related to ICAT, a physiological inhibitor of the Wnt pathway that interacts physically and functionally with β -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 β -catenin-binding. LZIC does not interact with β -catenin in vitro or in vivo. LZIC is a protein conserved in vertebrates, is required for neuronal survival.

Storage

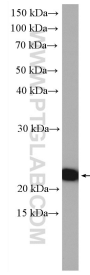
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.