

For Research Use Only

BLK Polyclonal antibody

Catalog Number: 10510-1-AP **1 Publications**



Basic Information

Catalog Number:

10510-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0795

GenBank Accession Number:

BC007371

GeneID (NCBI):

640

UNIPROT ID:

P51451

Full Name:

B Lymphoid tyrosine kinase

Calculated MW:

58 kDa

Observed MW:

58 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, IP

Species Specificity:

human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Jurkat cells, Raji cells, SH-SY5Y cells

IP : SH-SY5Y cells,

IHC : human pancreas cancer tissue,

Background Information

Tyrosine-protein kinase Blk (BLK) is typically involved in cell proliferation and differentiation. BLK is a 58 kDa protein with important role in B-cell receptor signaling and B-cell development. BLK also stimulates INS synthesis and secretion in response to glucose and enhances the expression of several pancreatic beta-cell transcription factors.

Notable Publications

Author	Pubmed ID	Journal	Application
Cefan Zhou	36797256	Signal Transduct Target Ther	WB, IP

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:

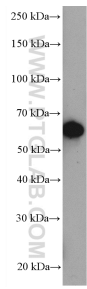
T: 4006900926

E: Proteintech-CN@ptglab.com

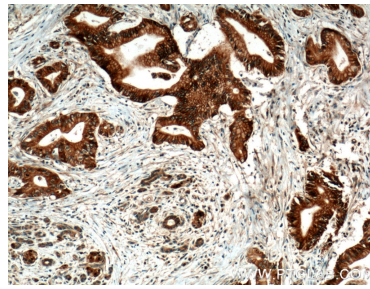
W: ptgcn.com

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

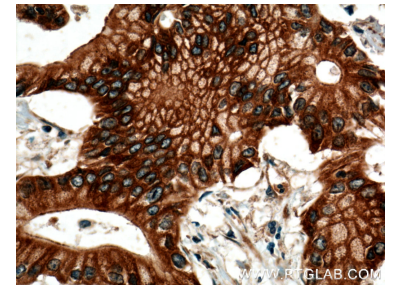
Selected Validation Data



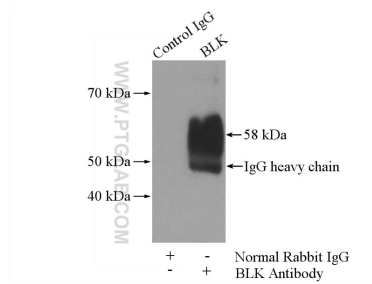
Jurkat cells were subjected to SDS PAGE followed by western blot with 10510-1-AP (BLK antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10510-1-AP (BLK Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 10510-1-AP (BLK Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-BLK (IP:10510-1-AP, 4ug; Detection:10510-1-AP 1:500) with SH-SY5Y cells lysate 1600ug.