

For Research Use Only

FBXL8 Polyclonal antibody

Catalog Number: 16505-1-AP



Basic Information

Catalog Number:

16505-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9685

GenBank Accession Number:

BC014414

GeneID (NCBI):

55336

UNIPROT ID:

Q96CDO

Full Name:

F-box and leucine-rich repeat protein 8

Calculated MW:

374 aa, 41 kDa

Observed MW:

41 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC: 1:50-1:500

Applications

Tested Applications:

IHC, IP, ELISA

Species Specificity:

human, mouse

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:

IP: HCT 116 cells,

IHC: mouse heart tissue,

Background Information

FBXL8 is a conserved F-box protein that belongs to the ubiquitin ligase complex. It plays a significant role in various cellular processes, including tumorigenesis and metastasis. In colorectal cancer, FBXL8 promotes liver metastasis and stem-cell-like features by mediating ubiquitination and degradation of TP53. Additionally, FBXL8 has been shown to inhibit lymphoma growth and hematopoietic malignancies by targeting specific substrates for degradation. In the context of cardiac fibrosis, FBXL8 inhibits post-myocardial infarction cardiac fibrosis by regulating the ubiquitination of key proteins (PMID: 36855778, PMID: 33122824, PMID: 38615011).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

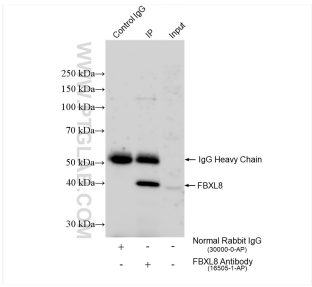
For technical support and original validation data for this product please contact:

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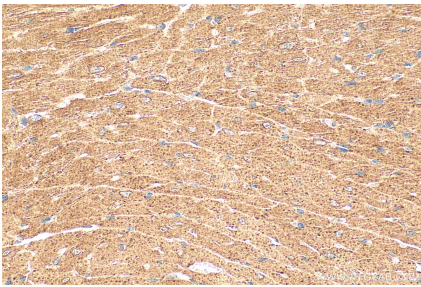
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



IP result of anti-FBXL8 (IP:16505-1-AP, 4ug;
Detection:16505-1-AP 1:500) with HCT 116 cells
lysate 1920 ug.



Immunohistochemical analysis of paraffin-
embedded mouse heart tissue slide using 16505-1-
AP (FBXL8 antibody) at dilution of 1:100 (under 40x
lens). Heat mediated antigen retrieval with Tris-
EDTA buffer (pH 9.0).