

For Research Use Only

FBXL8 Polyclonal antibody, PBS Only

Catalog Number: 16505-1-PBS



Basic Information

Catalog Number:

16505-1-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

IHC, IP, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

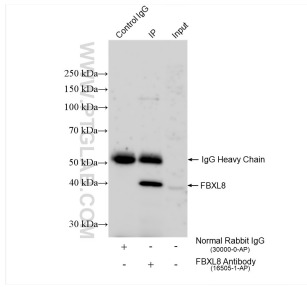
For technical support and original validation data for this product please contact:

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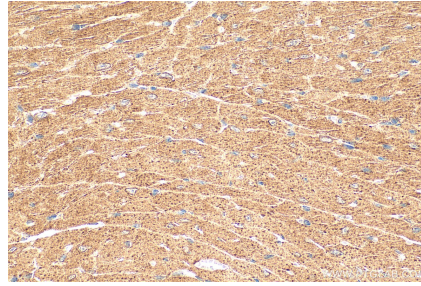
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



IP result of anti-FBXL8 (IP:16505-1-AP, 4 μ g; Detection:16505-1-AP 1:500) with HCT 116 cells lysate 1920 μ g. This data was developed using the same antibody clone with 16505-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 16505-1-PBS in a different storage buffer formulation.