

For Research Use Only

FBXL8 Polyclonal antibody, PBS Only

Catalog Number: 16505-1-PBS



Basic Information

Catalog Number: 16505-1-PBS	GenBank Accession Number: BC014414	Purification Method: Antigen affinity purification
Concentration: 1 mg/ml	GeneID (NCBI): 55336	
Source: Rabbit	UNIPROT ID: Q96CDO	
Isotype: IgG	Full Name: F-box and leucine-rich repeat protein 8	
Immunogen Catalog Number: AG9685	Calculated MW: 374 aa, 41 kDa	
	Observed MW: 41 kDa	

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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

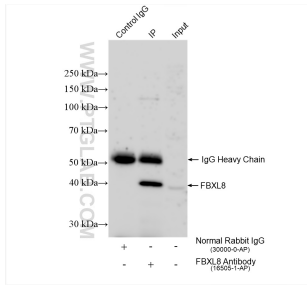
T: 4006900926

E: Proteintech-CN@ptglab.com

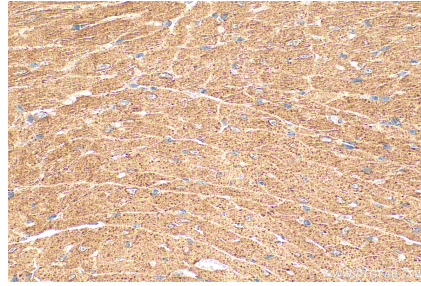
W: ptgcn.com

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

Selected Validation Data



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.