

For Research Use Only

FBX4 Polyclonal antibody, PBS Only

Catalog Number: 13855-1-PBS



Basic Information

Catalog Number:

13855-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4829

GenBank Accession Number:

BC048098

GeneID (NCBI):

26272

UNIPROT ID:

Q9UKT5

Full Name:

F-box protein 4

Calculated MW:

44 kDa

Observed MW:

38 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

IP, Indirect ELISA

Species Specificity:

human

Background Information

FBX4 (F-Box Protein 4), also known as FBXO4, is a member of the F-box protein family. FBX4 is involved in the ubiquitination of various target proteins, leading to their degradation. It has been shown to regulate the cell cycle by targeting proteins such as cyclin D1 for ubiquitination and degradation. Mutations in FBX4 have been linked to various diseases, including spermatogenic failure and esophageal cancer. In cancer, FBX4 has been shown to act as a tumor suppressor. Loss of FBX4 function can lead to increased cell proliferation and tumor development. For example, FBX4 knockout mice have been shown to develop various tumors, including lymphoblastic lymphoma and mammary carcinoma. FBX4 has two isoforms: 44 kDa and 35 kDa.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

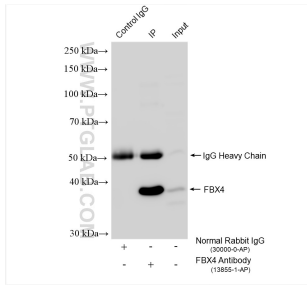
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

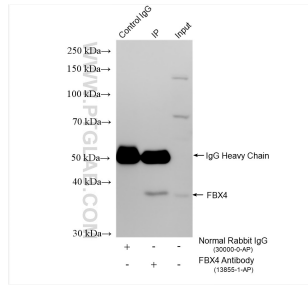
E: proteintech@ptglab.com
W: ptglab.com

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-FBX4 (IP:13855-1-AP, 4ug; Detection:13855-1-AP 1:800) with HeLa cells lysate 1400 ug. This data was developed using the same antibody clone with 13855-1-PBS in a different storage buffer formulation.



IP result of anti-FBX4 (IP:13855-1-AP, 4ug; Detection:13855-1-AP 1:800) with A431 cells lysate 1040 ug. This data was developed using the same antibody clone with 13855-1-PBS in a different storage buffer formulation.