

For Research Use Only

# FBX4 Polyclonal antibody

Catalog Number: 13855-1-AP



## Basic Information

### Catalog Number:

13855-1-AP

### Size:

150ul , Concentration: 300 ug/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

### Recommended Dilutions:

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

## Applications

### Tested Applications:

IP, ELISA

### Species Specificity:

human

### Positive Controls:

IP : HeLa cells, A431 cells

## 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.

## 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

\*\*\* 20ul sizes contain 0.1% BSA

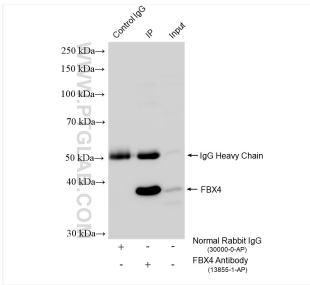
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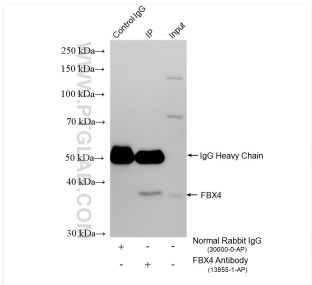
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Selected Validation Data



IP result of anti-FBX4 (IP:13855-1-AP, 4ug;  
Detection:13855-1-AP 1:800) with HeLa cells lysate  
1400 ug.



IP result of anti-FBX4 (IP:13855-1-AP, 4ug;  
Detection:13855-1-AP 1:800) with A431 cells lysate  
1040 ug.