

For Research Use Only

# UBE4B Polyclonal antibody

Catalog Number: 18148-1-AP

Featured Product

7 Publications



## Basic Information

**Catalog Number:**  
18148-1-AP

**Size:**  
150ul, Concentration: 400 µg/ml by Nanodrop and 247 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG12836

**GenBank Accession Number:**  
BC093696

**GeneID (NCBI):**  
10277

**Full Name:**  
ubiquitination factor E4B (UFD2 homolog, yeast)

**Calculated MW:**  
1173 aa, 133 kDa

**Observed MW:**  
146 kDa

**Purification Method:**  
Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:10000

IP 0.5-4.0 µg for 1.0-3.0 mg of total

protein lysate

IHC 1:20-1:200

IF 1:10-1:100

## Applications

**Tested Applications:**  
IF, IHC, IP, WB, ELISA

**Cited Applications:**  
IHC, WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human

**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:**

**WB:** HEK-293T cells, mouse testis tissue, HeLa cells, K-562 cells, Raji cells

**IP:** HeLa cells,

**IHC:** human heart tissue,

**IF:** HeLa cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Xianyan Hu	32645369	Mol Cell	WB
Hongyu Zhang	24995952	Proteomics	WB
Xu-Qiong Huang	32021266	Onco Targets Ther	WB,IHC

## 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

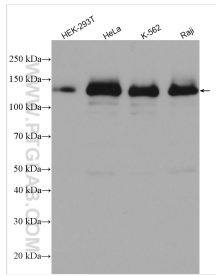
For technical support and original validation data for this product please contact:

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

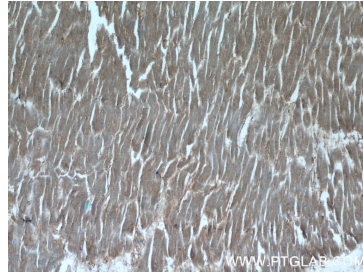
E: proteintech@ptglab.com  
W: ptglab.com

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

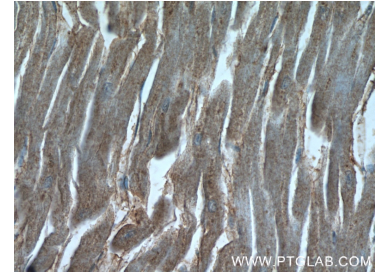
## Selected Validation Data



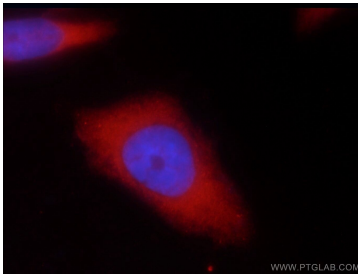
Various lysates were subjected to SDS PAGE followed by western blot with 18148-1-AP (UBE4B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



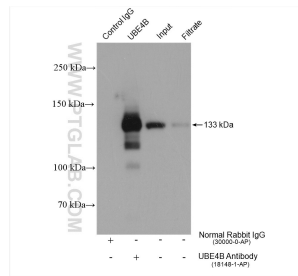
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 18148-1-AP (UBE4B Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 18148-1-AP (UBE4B Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 18148-1-AP (UBE4B antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



IP result of anti-UBE4B(IP:18148-1-AP, 4ug; Detection:18148-1-AP 1:1000) with HeLa cells lysate 2320 ug.