

For Research Use Only

# FBXO5 Polyclonal antibody

Catalog Number: 10872-1-AP

9 Publications



## Basic Information

### Catalog Number:

10872-1-AP

### Size:

150ul, Concentration: 50 ug/ml by Nanodrop and 420 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1296

### GenBank Accession Number:

BC018905

### GeneID (NCBI):

26271

### UNIPROT ID:

Q9UKT4

### Full Name:

F-box protein 5

### Calculated MW:

54 kDa

### Observed MW:

56 kDa, 45 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

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-293 cells, HeLa cells, HepG2 cells, human ovary tissue, K-562 cells, mouse kidney tissue, rat liver tissue

**IHC** : human placenta tissue, human tonsillitis tissue

## Background Information

FBXO5, also named as EMI1 and FBX5, is a key regulator of the normal cell cycle. It is a zinc finger protein expressed by a variety of adult tissues and especially in proliferating Ki-67-positive cells. It binds to the APC activators CDC20 and FZR1/CDH1 to prevent APC activation. FBXO5 can also bind directly to the APC to inhibit substrate-binding.

## Notable Publications

Author	Pubmed ID	Journal	Application
Mo Wang	32368853	J Cell Mol Med	WB
Kai Wang	29728763	J Cancer Res Clin Oncol	WB
Pan Wei	34990616	Exp Cell Res	WB

## 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**

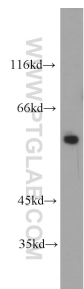
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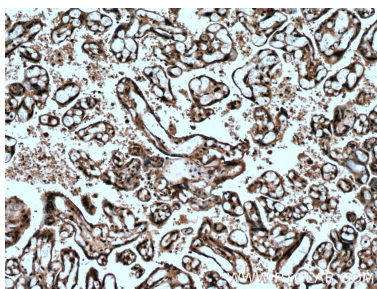
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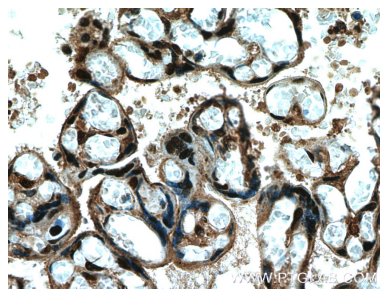
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10872-1-AP (FBXO5 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 10872-1-AP (FBXO5 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 10872-1-AP (FBXO5 Antibody) at dilution of 1:200 (under 40x lens).