

For Research Use Only

# KLHL12 Polyclonal antibody

Catalog Number: 14883-1-AP

Featured Product

2 Publications



## Basic Information

**Catalog Number:**

14883-1-AP

**Size:**

600 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG6658

**GenBank Accession Number:**

BC004175

**GeneID (NCBI):**

59349

**UNIPROT ID:**

Q53G59

**Full Name:**

kelch-like 12 (Drosophila)

**Calculated MW:**

63 kDa

**Observed MW:**

53-56 kDa, 63-67 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:20-1:200

IF 1:20-1:200

## Applications

**Tested Applications:**

IF/ICC, IHC, WB, ELISA

**Cited Applications:**

WB, IF

**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 : PC-3 cells,

IHC : human testis tissue,

IF : PC-3 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
David Akopian	35120648	Mol Cell	WB, IF
Chutikarn Butkinaree	24334870	Arterioscler Thromb Vasc Biol	WB, IF

## 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

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

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E: Proteintech-CN@ptglab.com

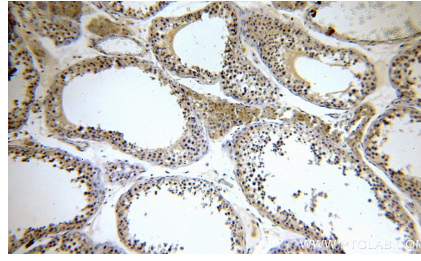
W: ptgcn.com

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

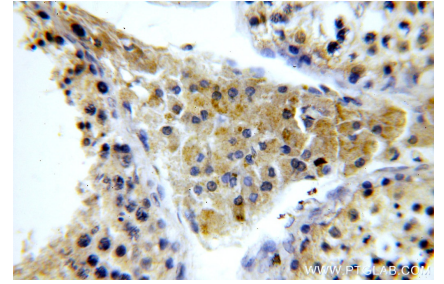
## Selected Validation Data



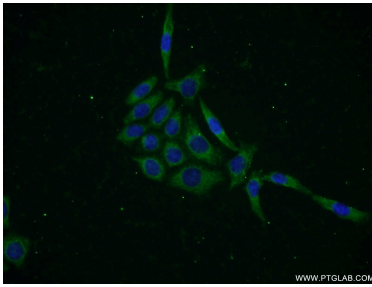
PC-3 cells were subjected to SDS PAGE followed by western blot with 14883-1-AP (KLHL12 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 14883-1-AP (KLHL12 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 14883-1-AP (KLHL12 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of PC-3 cells using 14883-1-AP (KLHL12 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).