

For Research Use Only

# KLHL12 Polyclonal antibody

Catalog Number: 14883-1-AP

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 14883-1-AP	<b>GenBank Accession Number:</b> BC004175	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 600 ug/ml by Nanodrop and 360 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 59349	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200 IF/ICC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q53G59	
<b>Isotype:</b> IgG	<b>Full Name:</b> kelch-like 12 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG6658	<b>Calculated MW:</b> 63 kDa	
	<b>Observed MW:</b> 53-56 kDa, 63-67 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b> WB : PC-3 cells, IHC : human testis tissue, IF/ICC : PC-3 cells,
<b>Cited Applications:</b> WB, IF	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

\*\*\* 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)

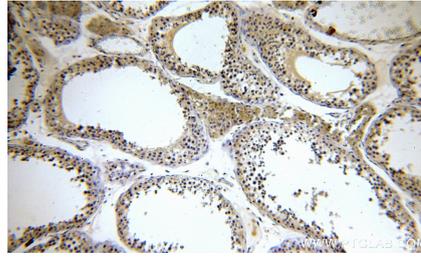
E: proteintech@ptglab.com  
W: ptglab.com

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

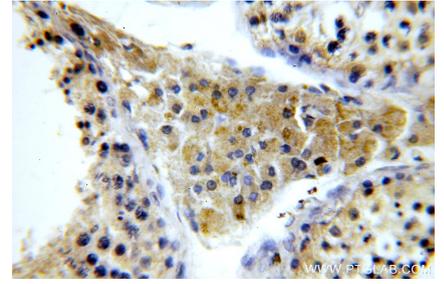
## Selected Validation Data



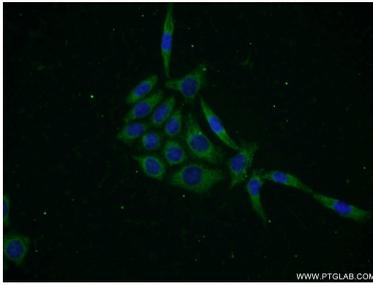
PC-3 cells were subjected to SDS PAGE followed by western blot with 14883-1-AP (KLHL12 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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 Goat Anti-Rabbit IgG(H+L).