

For Research Use Only

# KLHL14 Polyclonal antibody

Catalog Number: 29253-1-AP



## Basic Information

<b>Catalog Number:</b> 29253-1-AP	<b>GenBank Accession Number:</b> BC021267	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 57565	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9P2G3	
<b>Isotype:</b> IgG	<b>Full Name:</b> kelch-like 14 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG29188	<b>Calculated MW:</b> 44 kDa, 71 kDa	
	<b>Observed MW:</b> 43 kDa, 70 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> mouse kidney tissue, <b>IF/ICC :</b> HepG2 cells,

## Background Information

Kelch-like protein 14 (KLHL14) is a member of the KLHL family. The kelch motif was initially discovered in Kelch. In this protein there are six copies of the motif. It has been shown for one member that it is related to Galactose Oxidase for which a structure has been solved. Two isoforms of this protein exist - 70kDa and 43kDa.

## Storage

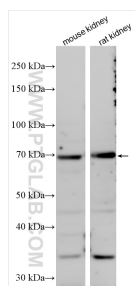
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

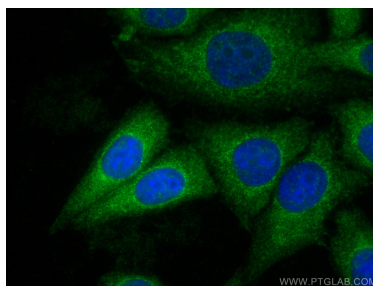
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29253-1-AP (KLHL14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using KLHL14 antibody (29253-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).