

For Research Use Only

# KLHDC5 Polyclonal antibody

Catalog Number: 24847-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 24847-1-AP	<b>GenBank Accession Number:</b> BC137116	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 550 µg/ml	<b>GeneID (NCBI):</b> 57542	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9P2K6	
<b>Isotype:</b> IgG	<b>Full Name:</b> kelch domain containing 5	
<b>Immunogen Catalog Number:</b> AG20448	<b>Calculated MW:</b> 505 aa, 57 kDa	
	<b>Observed MW:</b> 56 kDa	

## Applications

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

## Background Information

KLHDC5 also named as kelch domain containing 5 or KLHL42 is a 505 amino acid protein, which contains one BTB domain and six Kelch repeats. KLHDC5 localizes in cytoplasm and may involve in microtubule dynamics throughout mitosis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jia-Ling Ji	37596398	Acta Pharmacol Sin	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

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

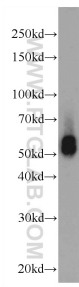
T: 4006900926

E: Proteintech-CN@ptglab.com

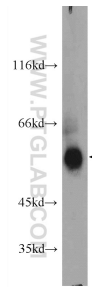
W: ptgcn.com

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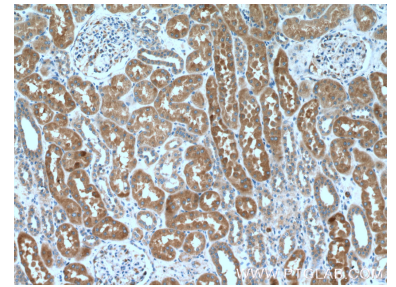
## Selected Validation Data



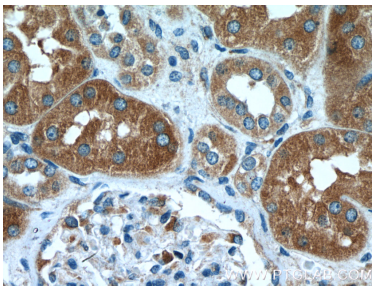
HeLa cells were subjected to SDS PAGE followed by western blot with 24847-1-AP (KLHDC5 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



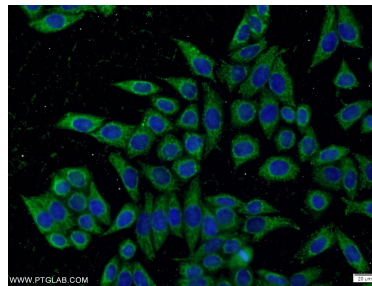
mouse brain tissue were subjected to SDS PAGE followed by western blot with 24847-1-AP (KLHDC5 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24847-1-AP (KLHDC5 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24847-1-AP (KLHDC5 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 24847-1-AP (KLHDC5 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).