

For Research Use Only

KLHDC5 Polyclonal antibody

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



Basic Information

Catalog Number: 24847-1-AP	GenBank Accession Number: BC137116	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57542	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:20-1:200
Source: Rabbit	Full Name: kelch domain containing 5	
Isotype: IgG	Calculated MW: 505 aa, 57 kDa	
Immunogen Catalog Number: AG20448	Observed MW: 56 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : HeLa cells, mouse brain tissue IHC : human kidney tissue, IF : HeLa cells,
Cited Applications: IHC, WB	
Species Specificity: human, mouse	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

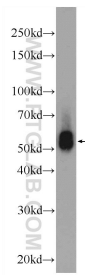
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

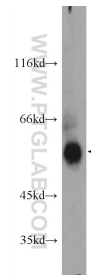
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

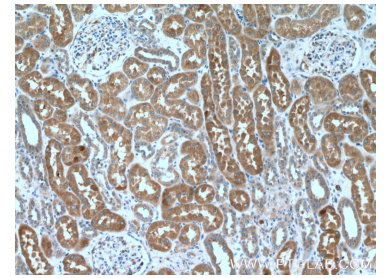
Selected Validation Data



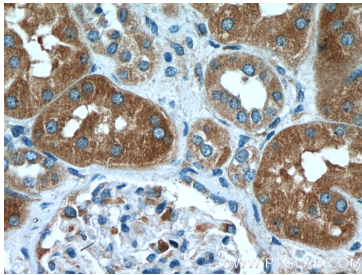
HeLa cells were subjected to SDS PAGE followed by western blot with 24847-1-AP (KLHDC5 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



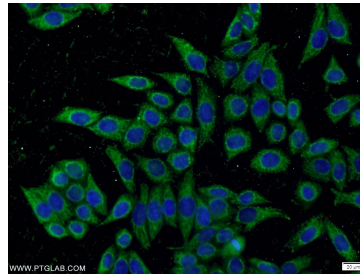
mouse brain tissue were subjected to SDS PAGE followed by western blot with 24847-1-AP (KLHDC5 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).