

For Research Use Only

# KLHL21 Polyclonal antibody

Catalog Number: 16952-1-AP

Featured Product

1 Publications



## Basic Information

**Catalog Number:**  
16952-1-AP

**Size:**  
150ul, Concentration: 450 µg/ml by Nanodrop and 360 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG10582

**GenBank Accession Number:**  
BC034039

**GeneID (NCBI):**  
9903

**Full Name:**  
kelch-like 21 (Drosophila)

**Calculated MW:**  
597 aa, 67 kDa

**Observed MW:**  
67 kDa

**Purification Method:**  
Antigen affinity purification

**Recommended Dilutions:**  
WB 1:500-1:1000  
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB  
IHC 1:20-1:200

## Applications

**Tested Applications:**  
IHC, IP, WB, ELISA

**Cited Applications:**  
CoIP, WB

**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:** A431 cells, HeLa cells

**IP:** HeLa cells,

**IHC:** human brain tissue, human liver cancer tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Changchun Li	35084622	Breast Cancer Res Treat	WB, CoIP

## 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

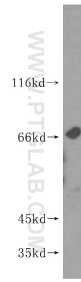
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

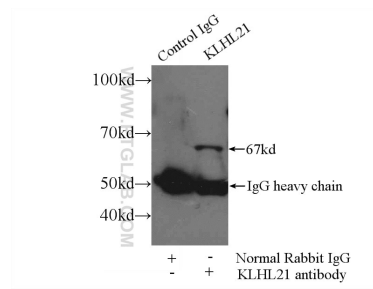
E: proteintech@ptglab.com  
W: ptglab.com

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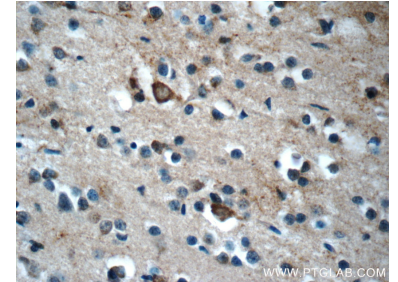
## Selected Validation Data



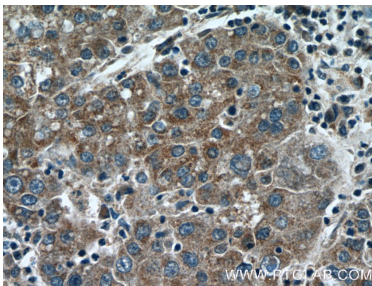
A431 cells were subjected to SDS PAGE followed by western blot with 16952-1-AP (KLHL21 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



IP Result of anti-KLHL21 (IP:16952-1-AP, 3ug; Detection:16952-1-AP 1:300) with HeLa cells lysate 1800ug.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 16952-1-AP (KLHL21 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16952-1-AP (KLHL21 Antibody) at dilution of 1:50 (under 40x lens).