

# KLHL28 Polyclonal antibody

Catalog Number: 25224-1-AP

## Basic Information

<b>Catalog Number:</b> 25224-1-AP	<b>GenBank Accession Number:</b> BC121009	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 650 µg/ml	<b>GeneID (NCBI):</b> 54813	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NXS3	
<b>Isotype:</b> IgG	<b>Full Name:</b> kelch-like 28 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG18665	<b>Calculated MW:</b> 571 aa, 64 kDa <b>Observed MW:</b> 64 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> Jurkat cells, mouse brain tissue
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human liver tissue, human colon tissue

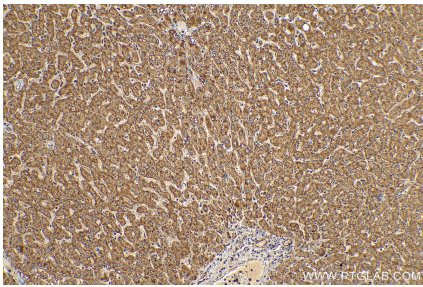
## Background Information

KLHL28 also named as BTBD5 or Kelch like protein 28 is a 571 amino acid protein, which contains one BTB domain and six kelch repeats. KLHL28 localizes in the cytoplasm and belongs to BTB/kelch-associated proteins family. KLHL28 may play a role in organizing the actin cytoskeleton of the brain cells. KLHL28 is expressed as two isoforms produced by alternative splicing.

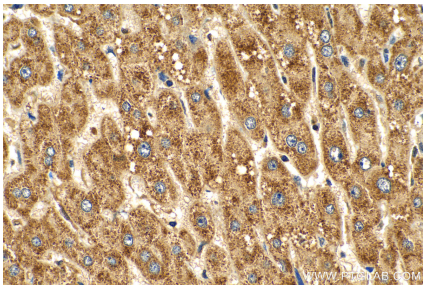
## Storage

**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

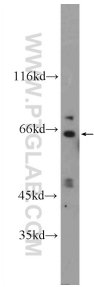
Selected Validation Data



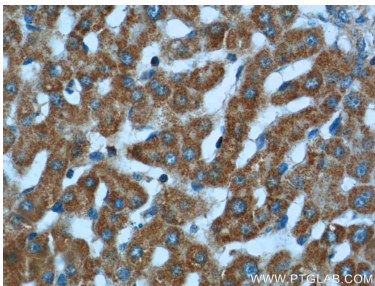
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25224-1-AP (KLHL28 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25224-1-AP (KLHL28 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Jurkat cells were subjected to SDS PAGE followed by western blot with 25224-1-AP (KLHL28 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 25224-1-AP (KLHL28 Antibody) at dilution of 1:50 (under 40x lens).