

For Research Use Only

# ANGPTL3 Polyclonal antibody

Catalog Number: 11964-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 11964-1-AP	<b>GenBank Accession Number:</b> BC058287	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 700 µg/ml	<b>GeneID (NCBI):</b> 27329	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y5C1	
<b>Isotype:</b> IgG	<b>Full Name:</b> angiopoietin-like 3	
<b>Immunogen Catalog Number:</b> AG2573	<b>Calculated MW:</b> 460 aa, 54 kDa	
	<b>Observed MW:</b> 54 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : A375 cells, mouse liver tissue IHC : human liver tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, rat	
<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

ANGPTL3 belongs to the angiopoietin-like protein family. ANGPTL3 is mainly synthesized by liver cells and is notably expressed in kidney podocytes. Accumulating evidences have revealed that ANGPTL3 plays a critical role in both biological processes, such as lipid metabolism, angiogenesis and haematopoietic function and pathological changes, including atherosclerosis, carcinogenesis, nephrotic syndrome, diabetes, liver diseases and so on. Thus, ANGPTL3 may serve as a potential biomarker in these diseases.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yongdong Yi	37290894	Cancer Sci	WB
Na Wang	30128492	Invest Ophthalmol Vis Sci	WB

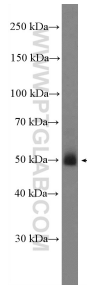
## Storage

**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

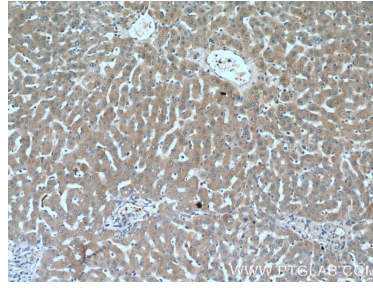
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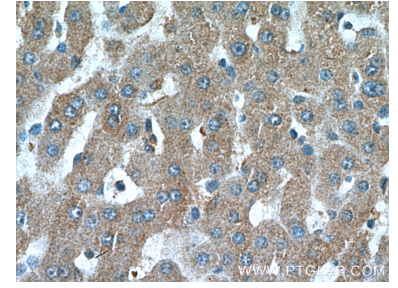
## Selected Validation Data



A375 cells were subjected to SDS PAGE followed by western blot with 11964-1-AP (ANGPTL3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 11964-1-AP (ANGPTL3 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 11964-1-AP (ANGPTL3 Antibody) at dilution of 1:200 (under 40x lens).