

For Research Use Only

# RAB20 Polyclonal antibody

Catalog Number: 29110-1-AP



## Basic Information

<b>Catalog Number:</b> 29110-1-AP	<b>GenBank Accession Number:</b> BC026025	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55647	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> RAB20, member RAS oncogene family	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 26 kDa	
<b>Immunogen Catalog Number:</b> AG30459	<b>Observed MW:</b> 29 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

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 : HeLa cells, K-562 cells

IHC : human liver cancer tissue,

## Background Information

RAB20 is a member of RAS oncogene family, it has no close relationship to any other members of RAB subfamily which consists of small GTP-binding proteins involved in the regulation of intracellular vesicular transport. Firstly found highly expressed on the apical side of kidney tubule epithelial cells, RAB20 was speculated to be involved in apical endocytosis and recycling processes. So far, its function is not well known, however, RAB20 is recently found higher expressed in pancreatic adenocarcinomas than normal pancreas, which is proved by WB and IHC analyses, suggesting its promising role in diagnosis of pancreatic carcinogenesis. Catalog# 11616-1-AP is a rabbit polyclonal antibody raised against full-length of human RAB20.

## 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

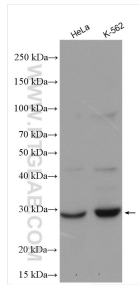
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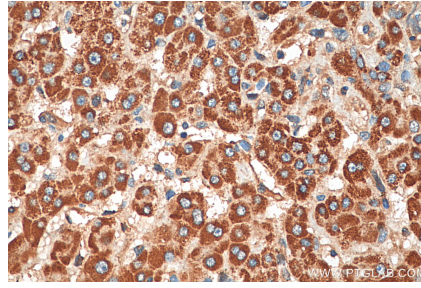
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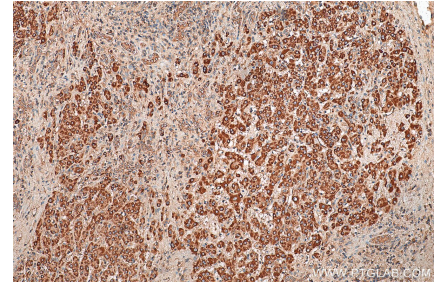
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29110-1-AP (RAB20 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 29110-1-AP (RAB20 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 29110-1-AP (RAB20 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).