

For Research Use Only

# KIAA1033 Polyclonal antibody

Catalog Number: 51101-1-AP

4 Publications



## Basic Information

### Catalog Number:

51101-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

BC104994

### GeneID (NCBI):

23325

### UNIPROT ID:

Q2M389

### Full Name:

KIAA1033

### Calculated MW:

136.4 kDa

### Observed MW:

136 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

human, mouse

### Positive Controls:

WB : A549 cells, HeLa cells

IHC : human intrahepatic cholangiocarcinoma tissue,

**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

KIAA1033, also named as WASH-interacting protein and SWIP, is a component of WASH complex. The WASH complex plays a key role in the fission of tubules that serve as transport intermediates during endosome sorting. KIAA1033 has two isoforms with MW 100 kDa and 136 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Benjamin J Tyrrell	27390154	Pigment Cell Melanoma Res	WB
Yifei Pei	35993307	Autophagy	WB
Sofia Dinamarca	39559950	Immunology	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

\*\*\* 20ul sizes contain 0.1% BSA

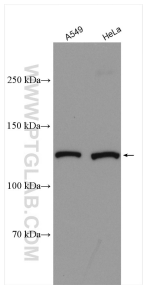
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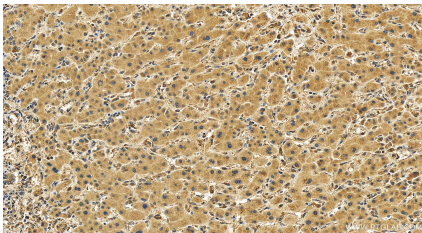
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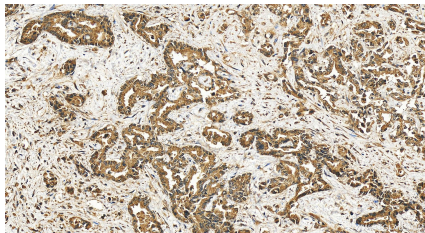
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 51101-1-AP (KIAA1033 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 51101-1-AP (KIAA1033 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 51101-1-AP (KIAA1033 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).