

For Research Use Only

# TOAG1 Polyclonal antibody

Catalog Number: 21564-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

21564-1-AP

### Size:

150ul, Concentration: 307 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG16067

### GenBank Accession Number:

BC101060

### GeneID (NCBI):

285343

### UNIPROT ID:

Q8N3R3

### Full Name:

chromosome 3 open reading frame 23

### Calculated MW:

496 aa, 58 kDa

### Observed MW:

35-41 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

IHC

### Species Specificity:

human

### 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 : HEK-293 cells,

IHC : human liver tissue,

## Background Information

TOAG1, also named as TCAIM and C3orf23, is a mitochondrial protein which regulates T-cell apoptosis. It is a specific and reproducible marker for quiescence. TOAG1 has two isoforms with MW 41 kDa and 58 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhuo Ye	35238167	FEBS J	IHC

## 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

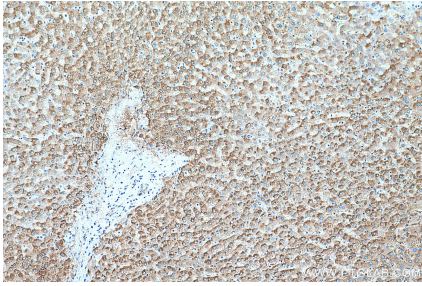
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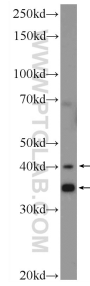
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 21564-1-AP (TOAG1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 21564-1-AP (TOAG1 antibody at dilution of 1:300 incubated at room temperature for 1.5 hours.