

For Research Use Only

TOAG1 Polyclonal antibody

Catalog Number: 21564-1-AP **1 Publications**



Basic Information

Catalog Number: 21564-1-AP	GenBank Accession Number: BC101060	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 307 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 285343	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: chromosome 3 open reading frame 23	
Isotype: IgG	Calculated MW: 496 aa, 58 kDa	
Immunogen Catalog Number: AG16067	Observed MW: 35-41 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HEK-293 cells, IHC : human liver tissue,
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

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

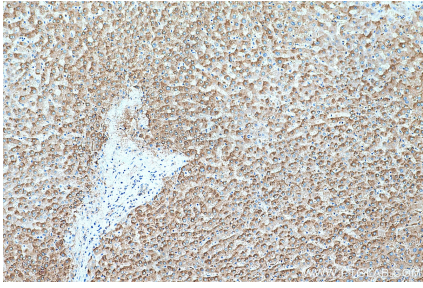
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

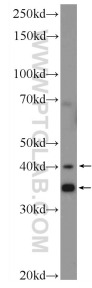
For technical support and original validation data for this product please contact:
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Selected Validation Data



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.