

For Research Use Only

# TIAR Polyclonal antibody

Catalog Number: 17649-1-AP

Featured Product

1 Publications



## Basic Information

Catalog Number:

17649-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11884

GenBank Accession Number:

BC030025

GeneID (NCBI):

7073

UNIPROT ID:

Q01085

Full Name:

TIA1 cytotoxic granule-associated RNA binding protein-like 1

Calculated MW:

42 kDa

Observed MW:

38-43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:250-1:1000

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : Jurkat cells,

IHC : human stomach 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

TIAR, also named as TIA 1 related protein, is an RNA-binding protein which is associated with apoptosis. It has been shown that mouse with disrupted TIAR gene show high levels of embryonic lethality. TIAR plays an important role in cytoplasm and nucleus where it can control translation of some specific mRNAs and activate splicing of exons with weak 5-splice sites. Besides, TIAR also has the 28 kDa and 50 kDa proteins for TIAR exists in multiple alternative splicing forms. (PMID: 12533540, 7533298, 22851315, 8176212)

## Notable Publications

Author	Pubmed ID	Journal	Application
Wenhui Zhao	24566137	Int J Mol 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

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

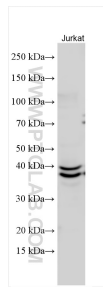
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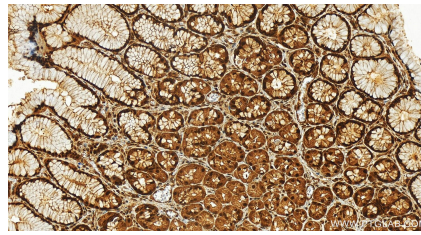
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17649-1-AP (TIAR antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human normal stomach slide using 17649-1-AP (TIAR antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).