

# TIA1 Rabbit pAb

Catalog No.: A12523

## Basic Information

### Observed MW

44kDa

### Calculated MW

43kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse

## Background

The product encoded by this gene is a member of a RNA-binding protein family and possesses nucleolytic activity against cytotoxic lymphocyte (CTL) target cells. It has been suggested that this protein may be involved in the induction of apoptosis as it preferentially recognizes poly(A) homopolymers and induces DNA fragmentation in CTL targets. The major granule-associated species is a 15-kDa protein that is thought to be derived from the carboxyl terminus of the 40-kDa product by proteolytic processing. Alternative splicing resulting in different isoforms has been found for this gene.

## Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

## Immunogen Information

### Gene ID

7072

### Swiss Prot

P31483

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 287-386 of human TIA1 (NP\_071505.2).

### Synonyms

WDM; ALS26; TIA-1; TIA1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

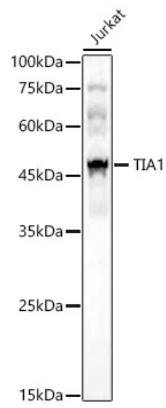
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

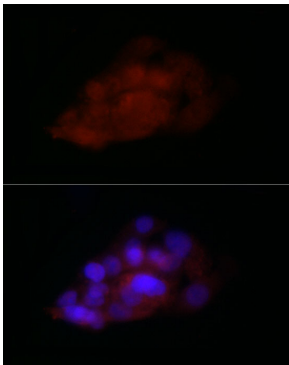
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of Jurkat, using TIA1 Rabbit pAb (A12523) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



Immunofluorescence analysis of HepG2 cells using TIA1 Rabbit pAb (A12523) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.