



Datasheet for ABIN7262058

anti-TIA1 antibody

5 Images



[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	TIA1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein of human TIA1 (NP_071505.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	TIA1
Alternative Name:	TIA1 (TIA1 Products)
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

Target Details

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 of this gene product has been described in the literature.

Molecular Weight: Observed_MW: 54 kDa
Calculated_MW: 24 kDa/41 kDa/42 kDa

Gene ID: 7072

UniProt: [P31483](#)

Application Details

Application Notes: WB 1:500-1:2000 IHC 1:50-1:200 IF 1:20-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

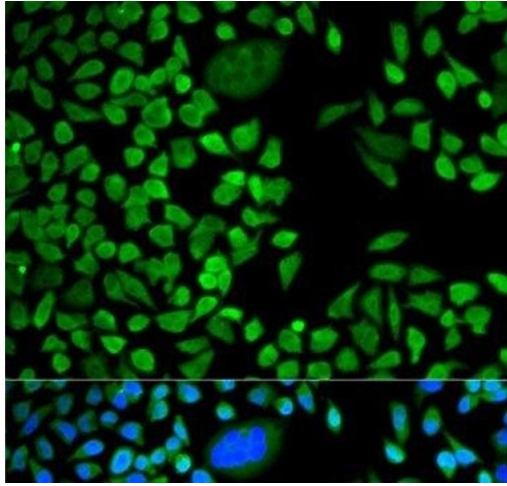
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

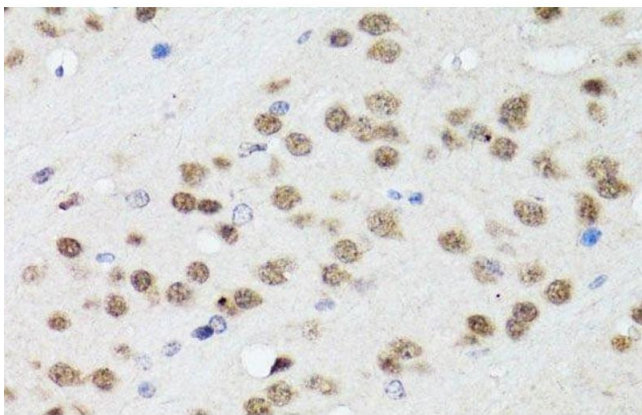
Storage: -20 °C

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



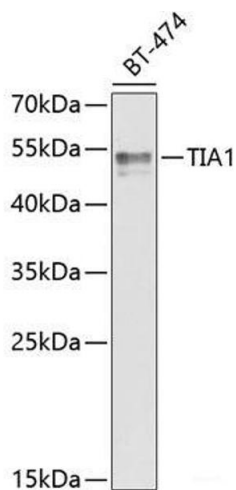
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using TIA1 Polyclonal Antibody



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Mouse brain using TIA1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Western Blotting

Image 3. Western blot analysis of extracts of BT-474 cells using TIA1 Polyclonal Antibody at dilution of 1:1000.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7262058.