

TIA1 Rabbit pAb

Catalog No.: A12517

Basic Information

Observed MW

44kDa

Calculated MW

24kDa/41kDa/42kDa

Category

Primary antibody

Applications

WB, IHC

Cross-Reactivity

Human, Mouse, Rat

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 of this gene product has been described in the literature.

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200

Immunogen Information

Gene ID

7072

Swiss Prot

P31483

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-193 of human TIA1 (NP_071505.2).

Synonyms

TIA1;TIA-1;WDM

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

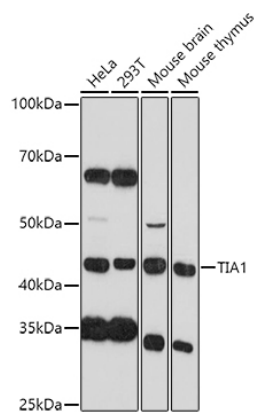
Affinity purification

Storage

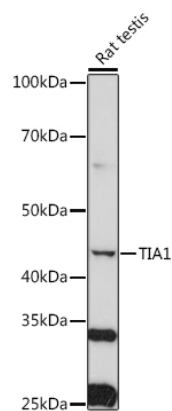
Store at -20°C. Avoid freeze / thaw cycles.

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

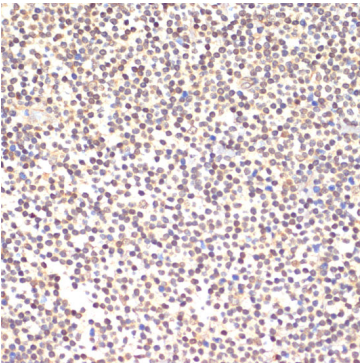
Validation Data



Western blot analysis of extracts of various cell lines, using TIA1 antibody (A12517) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Western blot analysis of extracts of Rat testis, using TIA1 antibody (A12517) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Immunohistochemistry of paraffin-embedded human tonsil using TIA1 antibody (A12517) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.