BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Nucleolysin TIA-1 isoform p40 TIA1 Antibody Picoband®

Catalog Number: PA2194

About TIA1

TIA1, also called WDM, encodes an RNA-binding protein involved in splicing regulation and translational repression. 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. By in situ hybridization, this gene is mapped to chromosome 2p13.3. 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 though to be derived from the carboxyl terminus of the 40-kDa product by proteolytic processing.

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Overview

Product Name	Anti-Nucleolysin TIA-1 isoform p40 TIA1 Antibody Picoband®
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Nucleolysin TIA-1 isoform p40 TIA1 Antibody catalog # PA2194. Tested in WB applications. This antibody reacts with Human, Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P31483

Technical Details

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Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human TIA1, identical to the related mouse sequence.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Human, Mouse

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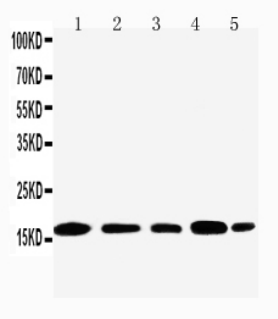
Anti-Nucleolysin TIA-1 isoform p40 TIA1 Antibody Picoband® (PA2194) Images



Anti-TIA1 antibody, PA2194, Western blottingLane 1: JURKAT Cell LysateLane 2: RAJI Cell LysateLane 3: CEM Cell LysateLane 4: HT1080 Cell LysateLane 5: K562 Cell Lysate

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For Research Use Only. Not for use in diagnostic procedures.