

## **Anti-TIA1** antibody



**Description** Unconjugated Rabbit polyclonal to TIA1

Model STJ192549

**Host** Rabbit

**Reactivity** Human, Mouse

**Applications** ELISA, WB

Immunogen Synthesized peptide derived from human TIA1 protein.

**Immunogen Region** 201-250aa

**Gene ID** <u>7072</u>

Gene Symbol TIA1

**Dilution range** WB 1:500-2000 ELISA 1:5000-20000

**Specificity** TIA1 Polyclonal Antibody detects endogenous levels of protein.

**Purification** TIA1 antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Note** For Research Use Only (RUO).

Protein Name Nucleolysin TIA-1 isoform p40 RNA-binding protein TIA-1 T-cell-restricted

intracellular antigen-1 TIA-1 p40-TIA-1

Molecular Weight 42 kDa

**Clonality** Polyclonal

**Conjugation** Unconjugated

**Isotype** IgG

**Formulation** Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

**Concentration** 1 mg/ml

**Storage Instruction** Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:11802OMIM:603518</u>

Alternative Names Nucleolysin TIA-1 isoform p40 RNA-binding protein TIA-1 T-cell-restricted

intracellular antigen-1 TIA-1 p40-TIA-1

**Function** Involved in alternative pre-RNA splicing and regulation of mRNA translation

by binding to AU-rich elements (AREs) located in mRNA 3' untranslated regions (3' UTRs). Possesses nucleolytic activity against cytotoxic lymphocyte

target cells. May be involved in apoptosis.

Cellular Localization Cytoplasmic granule Nucleus. Accumulates in cytoplasmic stress granules

(SG) following cellular damage.

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