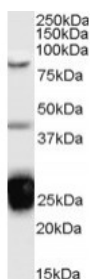




TIA1 Antibody

CATALOG NUMBER: 46-492



Western blot analysis of TIA1 in Jurkat lysate (35 ug protein in RIPA buffer) using TIA1 Antibody at 0.1 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:128,000. Western Blot: Approximately 40 kDa band observed in Jurkat lysate (calculated MW of 41.8 kDa according to NP_071320.1). Recommended concentration: 0.1-0.3 ug/mL. an additional band at 80 kDa and a very strong 26 kDa is also observed. These bands were successfully blocked by incubation with the immunizing peptide.
POSITIVE CONTROL:	1) Cat. No. 1205 - Jurkat Cell Lysate
SPECIFICITY:	This antibody is expected to recognize both reported isoforms (NP_071320.1 and NP_071505.1).
IMMUNOGEN:	TIA1 antibody was raised against an 11 amino acid synthetic peptide near the internal region of TIA1.
HOST SPECIES:	Goat

Properties

PURIFICATION:	TIA1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	TIA1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	TIA1, TIA1 cytotoxic granule-associated RNA binding protein, TIA1 cytotoxic granule-associated RNA-binding protein, TIA1 protein, cytotoxic granule-associated RNA-binding protein, p40-TIA-1 (containing p15-TIA-1), WDM, TIA-1
ACCESSION NO.:	NP_071320.1, NP_071505.1
PROTEIN GI NO.:	11863161

OFFICIAL SYMBOL:	TIA1
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GENE ID:	7072
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Background

REFERENCES: 1) Yang F, Peng Y, Murray EL, Otsuka Y, Kedersha N, Schoenberg DR. Polysome-bound endonuclease PMR1 is targeted to stress granules via stress-specific binding to TIA-1. Mol Cell Biol. 2006 Dec;26(23):8803-13. Epub 2006 Sep 18.

FOR RESEARCH USE ONLY

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