

TIA1 Polyclonal Antibody

Catalog number: 12133-2-AP

Size: 35 µg/150 µl

Source: Rabbit

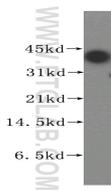
Isotype: IgG

Synonyms:

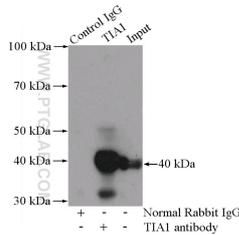
TIA1; Nucleolysin TIA 1 isoform

p40, p40 TIA 1, RNA binding

protein TIA 1, TIA 1, TIA1



Jurkat cells were subjected to SDS PAGE followed by western blot with 12133-2-AP(TIA1 antibody) at dilution of 1:200



IP Result of anti-TIA1 (IP:12133-2-AP, 4µg; Detection:12133-2-AP 1:500) with Jurkat cells lysate 3200µg.

Background

TIA1, also named as p40-TIA-1, is 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). It possesses nucleolytic activity against cytotoxic lymphocyte target cells. TIA1 may be involved in apoptosis. Two isoforms of this protein exist - 41kDa and 42kDa.

Applications

Tested applications:	ELISA, WB, IP
Cited applications:	IF, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated TIA1 MW:	214aa, 24 kDa, 43 kDa
Observed TIA1 MW:	40 kDa
Positive WB detected in	Jurkat cells, mouse spleen tissue, mouse thymus tissue, Raji cells
Positive IP detected in	Jurkat cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2778
GenBank accession number:	BC015944
Gene ID (NCBI):	7072
Full name:	TIA1 cytotoxic granule-associated RNA binding protein

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.