



Anti-TIA1 polyclonal antibody (DPAB-DC3067)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Specificity	This antibody is expected to recognize both reported isoforms (NP_071320.1 and NP_071505.1).
Immunogen	A synthetic peptide corresponding to human TIA1. The sequence is C-PKSTYESNTKQ
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide

Storage

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	TIA1 TIA1 cytotoxic granule-associated RNA binding protein [Homo sapiens (human)]
Official Symbol	TIA1
Synonyms	TIA1; TIA1 cytotoxic granule-associated RNA binding protein; WDM; TIA-1; nucleolysin TIA-1 isoform p40; p40-TIA-1 (containing p15-TIA-1); T-cell-restricted intracellular antigen-1;
Entrez Gene ID	7072
Protein Refseq	NP_071320
UniProt ID	P31483
Chromosome Location	2p13
Function	AU-rich element binding; nucleotide binding; poly(A) RNA binding; poly(A) binding