

RecomAb™

TIA1 recombinant monoclonal antibody, clone R09-6A6

Catalog # RAB06528 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TIA1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human TIA1.
Theoretical MW (kDa)	Calculated MW: 43 kD
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunofluorescence(1:50-1:200) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% Sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

Gene Info — TIA1

Entrez GeneID [7072](#)

Gene Name TIA1

Gene Alias -

Gene Description TIA1 cytotoxic granule-associated RNA binding protein

Omim ID [603518](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations T-cell-restricted intracellular antigen-1|TIA1 cytotoxic granule-associated RNA-binding protein|TIA1 protein|cytotoxic granule-associated RNA-binding protein|nucleolysin TIA-1 isoform p40|p40-TIA-1 (containing p15-TIA-1)