

ARG64213 anti-TIA1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes TIA1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	ICC/IF, IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_071320.1 and NP_071505.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TIA1
Species	Human
Immunogen	C-PKSTYESNTKQ
Conjugation	Un-conjugated
Alternate Names	T-cell-restricted intracellular antigen-1; WDM; TIA-1; RNA-binding protein TIA-1; p40-TIA-1; Nucleolysin TIA-1 isoform p40

Application Instructions

Application table	Application	Dilution
	ICC/IF	5 µg/ml
	IHC-P	3 - 5 µg/ml
	WB	0.1 - 0.3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

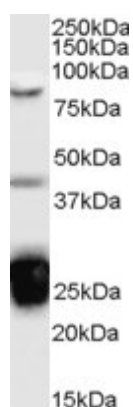
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA

Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

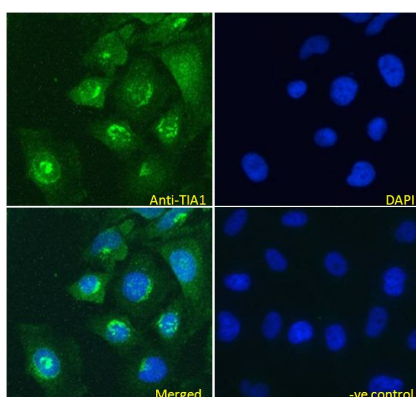
Database links	GeneID: 7072 Human Swiss-port # P31483 Human
Background	The product encoded by this gene is a member of a RNA-binding protein family and possesses nucleolytic activity against cytotoxic lymphocyte (CTL) target cells. It has been suggested that this protein may be involved in the induction 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, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Cell Death antibody; Gene Regulation antibody; Immune System antibody
Calculated Mw	43 kDa

Images



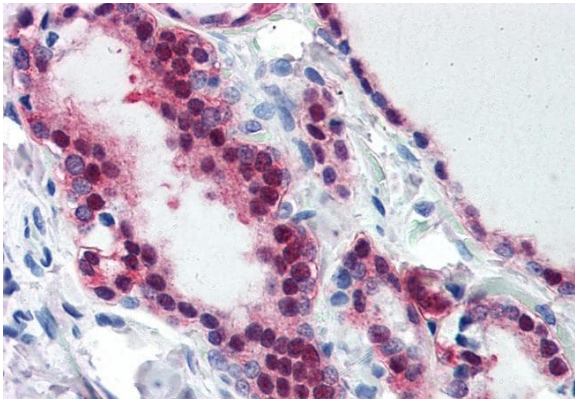
ARG64213 anti-TIA1 antibody WB image

Western Blot: Jurkat cell lysate (35 µg protein in RIPA buffer) stained with ARG64213 anti-TIA1 antibody at 0.1 µg/ml dilution.



ARG64213 anti-TIA1 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed HeLa cells permeabilized with 0.15% Triton. Cells were stained with ARG64213 anti-TIA1 antibody (green) at 5 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 5 µg/ml dilution.



ARG64213 anti-TIA1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human thyroid tissue.
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64213 anti-TIA1 antibody at 3.75 $\mu\text{g/ml}$ dilution followed by AP-staining.