

ARG65312 anti-TIAL1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes TIAL1
Tested Reactivity	Hu
Predict Reactivity	Ms, Cow, Dog
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize both isoforms (NP_003243.1; NP_001029097.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TIAL1
Species	Human
Immunogen	C-SPEITTEDIKSAFAP
Conjugation	Un-conjugated
Alternate Names	TCBP; TIAR; TIA-1-related protein; Nucleolysin TIAR

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	1 - 3 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * 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 antigen affinity chromatography.
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.

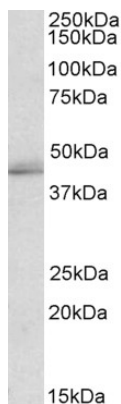
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

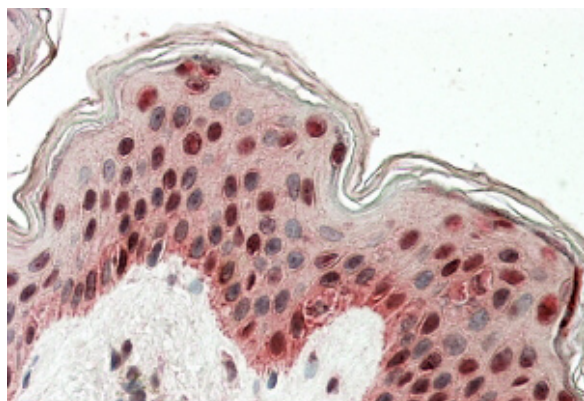
Database links	GeneID: 7073 Human Swiss-port # Q01085 Human
Gene Symbol	TIAL1
Gene Full Name	TIA1 cytotoxic granule-associated RNA binding protein-like 1
Background	The protein encoded by this gene is a member of a family of RNA-binding proteins, has three RNA recognition motifs (RRMs), and binds adenine and uridine-rich elements in mRNA and pre-mRNAs of a wide range of genes. It regulates various activities including translational control, splicing and apoptosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The different isoforms have been show to function differently with respect to post-transcriptional silencing. [provided by RefSeq, Jul 2008]
Function	RNA-binding protein. Possesses nucleolytic activity against cytotoxic lymphocyte target cells. May be involved in apoptosis. [UniProt]
Research Area	Gene Regulation antibody
Calculated Mw	42 kDa
PTM	Phosphorylated by MAPK14 following DNA damage, releasing TIAR from GADD45A mRNA.

Images



ARG65312 anti-TIAL1 & TIA antibody WB image

Western Blot: K562 lysate (35 µg protein in RIPA buffer) stained with ARG65312 anti-TIAL1 antibody at 2 µg/ml dilution.



ARG65312 anti-TIAL1 & TIA antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Skin. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG65312 anti-TIAL1 antibody at 3.8 µg/ml dilution followed by AP-staining.