Rabbit TIA1 Polyclonal Antibody | anti-TIA1 antibody

Anti-TIA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262807	**Rabbit**	**Human, Mouse, Rat**	**Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

TIA1; Polyclonal Antibody; Anti-TIA1 Antibody; Nucleolysin TIA-1 isoform p40; RNA-binding protein TIA-1; T-cell-restricted intracellular antigen-1; TIA-1; p40-TIA-1; anti-TIA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of TIA1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	375
Applicable Applications for anti-TIA1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human TIA1
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of TIA1 staining in SKOV3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

IHC (Immunohiostchemistry)
Immunohistochemical analysis of TIA1 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

WB (Western Blot)
Western blot analysis of TIA1 expression in SKOV3 (A), Hela (B), mouse brain (C), rat brain (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TIA1 antibody	Rabbit polyclonal antibody to TIA1

NCBI AND UNIPROT INFORMATION

NCBI GI #	188219593
NCBI GeneID	7072
NCBI Accession #	NP_071320.2
NCBI GenBank Nucleotide #	NM_022037.2
UniProt Accession #	P31483; Q53SS9; Q96B58
Molecular Weight	24,062 Da
NCBI Official Full Name	nucleolysin TIA-1 isoform p40 isoform 1
NCBI Official Synonym Full Names	TIA1 cytotoxic granule associated RNA binding protein
NCBI Official Symbol	TIA1
NCBI Official Synonym Symbols	WDM; TIA-1
NCBI Protein Information	nucleolysin TIA-1 isoform p40
UniProt Protein Name	Nucleolysin TIA-1 isoform p40
UniProt Gene Name	**TIA1**
UniProt Synonym Gene Names	TIA-1
UniProt Entry Name	TIA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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