

Mouse anti-Human TIA-1 Monoclonal Antibody | anti-TIA1 antibody

Monoclonal Antibody to TIA-1 (Clone: ABM47E1)

CATALOG # AAA78286	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

TIA-1; Monoclonal Antibody; Monoclonal Antibody to TIA-1 (Clone: ABM47E1); TIA1; RNA-binding protein TIA-1; T-cell-restricted intracellular antigen-1; p40-TIA-1; Antibody to TIA-1; Anti-TIA-1 Antibody; TIA-1 Antibody; anti-TIA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	ABM47E1
Purity/Purification	Purified Protein G Chromatography
Form/Format	25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	386
Applicable Applications for anti-TIA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Information	A partial length recombinant TIA-1 protein (amino acids 182-385) was used as the immunogen for this antibody.
Antigen	TIA-1
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Fig-2: Immunohistochemical analysis of TIA-1 in human Liver carcinoma tissue using TIA-1 antibody (Clone: ABM47E1) at 5 ug/ml.



WB (Western Blot)

Fig-1: Western blot analysis of TIA-1. Anti-TIA-1 antibody (Clone: ABM47E1) was tested 2 ug/ml on HepG2, PC3 and Hela lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TIA1 antibody	TIA1 (T-cell intracellular antigen) are mRNA-binding proteins that can aggregate within granules under specific stress conditions. TIA-1 is a multi-domain ribonucleic acid (RNA) binding protein that recognizes poly-uridine tract RNA sequences to facilitate 5'splice site recognition by the U1 small nuclear ribonucleoprotein (snRNP). TIA1 mutation causes perturbed RNA splicing and cellular stress resulting in WDM (Welander distal myopathy). TIA-1 regulates developmental and stress-responsive pathways through distinct activities at the levels of alternative pre-mRNA splicing and mRNA translation by recognising uridine-rich sequences of RNAs.
Product Categories/Family for anti-TIA1 antibody	Antibodies; Cancer Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	206729905
NCBI GeneID	7072
UniProt Accession #	P31483; Q53SS9; Q96B58
Molecular Weight	24,062 Da
NCBI Official Full Name	Nucleolysin TIA-1 isoform p40
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; nucleolysin TIA-1
UniProt Protein Name	Nucleolysin TIA-1 isoform p40
UniProt Gene Name	TIA1
UniProt Synonym Gene Names	TIA-1

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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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tia-1-antibody-clone-abm47e1-immunohistochemistry-western-blot-elisa/78286>