

Rabbit anti-Human TIA1 Polyclonal Antibody | anti-TIA1 antibody

TIA1 Antibody

CATALOG # AAA309170	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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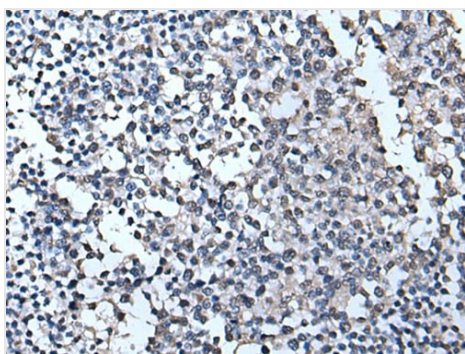
PRODUCT SYNONYMS

TIA1; Polyclonal Antibody; TIA1 Antibody; WDM; TIA-1; anti-TIA1 antibody

PRODUCT SPECIFICATIONS

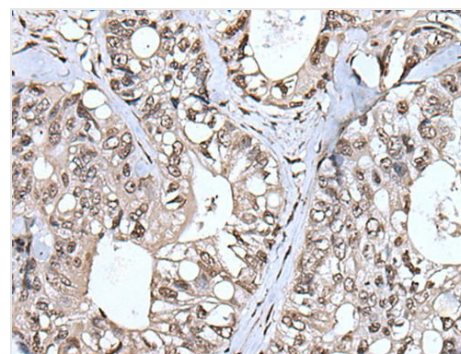
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total TIA1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.4mg/ml (varies by lot)
Sequence Length	375
Applicable Applications for anti-TIA1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Full length fusion protein
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



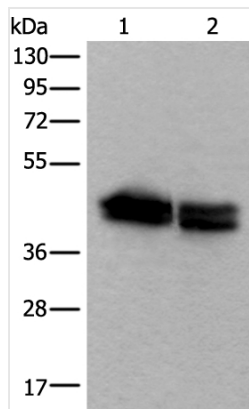
IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using TIA1 Antibody at dilution 1/100, on the right is treated with fusion protein. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TIA1 Antibody at dilution 1/100, on the right is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE Lysate: 40 ug, Lane 1-2: HEPG2 and NIH/3T3 cell lysates, Primary antibody:TIA1 antibody at dilution 1/600, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 second

ADDITIONAL INFORMATION

Related Product Information for anti-TIA1 antibody	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.
Product Categories/Family for anti-TIA1 antibody	Total protein Ab

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.

