Product Datasheet

TIA1 Antibody

Catalog No: #43541

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

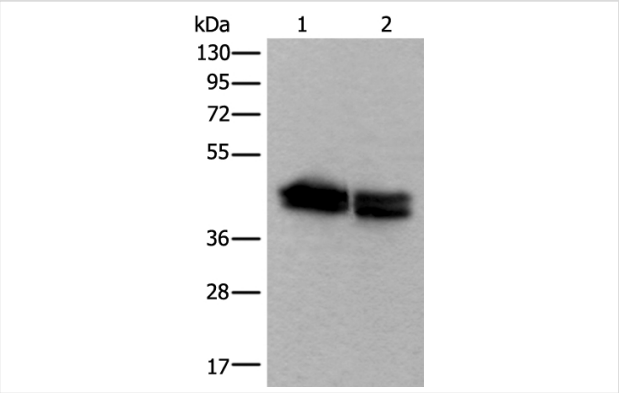
Product Name	TIA1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TIA1 protein.
Immunogen Type	protein
Immunogen Description	Full length fusion protein
Target Name	TIA1
Other Names	WDM; TIA-1
Accession No.	Swiss-Prot#: P31483NCBI Gene ID: 7072
Uniprot	P31483
GeneID	7072;
Calculated MW	43kd
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

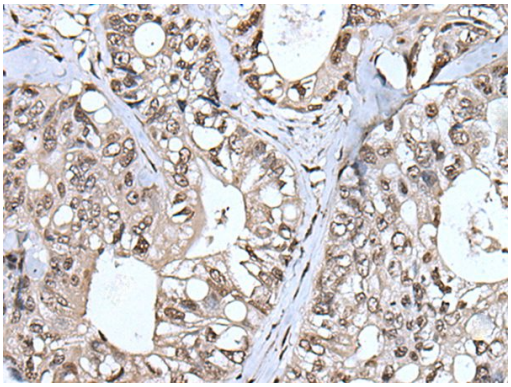
Western blotting: 1:500-2000

Immunohistochemistry: 1: 100-250

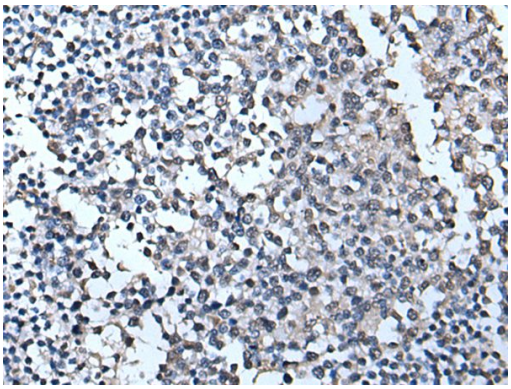
Images



Gel: 8%SDS-PAGE
Lysate: 40 µg, 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



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)



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)

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.

Note: This product is for in vitro research use only