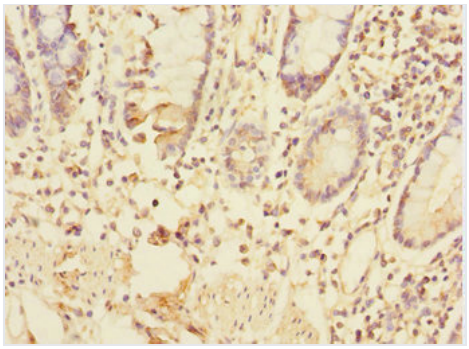
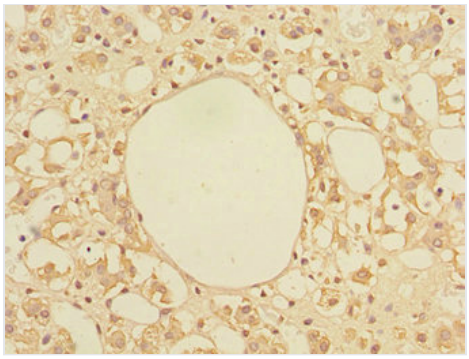
TRIAP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRIAP1, Polyclonal Antibody
Full Product Name	TRIAP1 Antibody
Product Gene Name	anti-TRIAP1 antibody
Product Synonym Names	TP53-regulated inhibitor of apoptosis 1; Protein 15E1.1; WF-1; p53-inducible cell-survival factor; p53CSV; TRIAP1; 15E1.1; HSPC132
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	8,786 Da
OMIM	614943
3D Structure	ModBase 3D Structure for O43715
Species	Human
Immunogen	Recombinant human TP53-regulated inhibitor of apoptosis 1 protein (1-76AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-139542 / sc-139543 / sc-139544
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TRIAP1 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-TRIAP1 antibody	Recommended dilution: IHC: 1:20-1:200
Related Product Information for anti-TRIAP1 antibody	Involved in the modulation of the mitochondrial apoptotic pathway by ensuring the accumulation of cardiolipin (CL) in mitochondrial membranes. In vitro, the TRIAP1:PRELID1 complex mediates the transfer of phosphatidic acid (PA) between liposomes and probably functions as a PA transporter across the mitochondrion intermembrane space to provide PA for CL synthesis in the inner membrane (PubMed:23931759). Likewise, the TRIAP1:PRELID3A complex mediates the transfer of phosphatidic acid (PA) between liposomes (in vitro) and probably functions as a PA transporter across the mitochondrion intermembrane space (in vivo) (PubMed:26071602). Mediates cell survival by inhibiting activation of caspase-9 which prevents induction of apoptosis (PubMed:15735003).
Other Notes	Small volumes of anti-TRIAP1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TRIAP1 purchase	MBS7044027 is an antibody targeting TRIAP1. Also known as TRIAP1 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-TRIAP1 antibody
Immunohistochemistry of paraffin-embedded human small intestine using MBS7044027 at dilution 1:100



Immunohistochemistry (IHC) of anti-TRIAP1 antibody
Immunohistochemistry of paraffin-embedded human adrenal gland tissue using MBS7044027 at dilution 1:100

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRIAP1. It may not necessarily be applicable to this product.

NCBI GI #	7705467
NCBI GeneID	51499
NCBI Accession #	NP_057483.1
UniProt Primary Accession #	O43715
UniProt Secondary Accession #	Q5RKS5; Q6LCA7; B2R4Z7
UniProt Related Accession #	O43715
GenBank Nucleotide #	NM_016399.2
NCBI Official Full Name	TP53-regulated inhibitor of apoptosis 1
NCBI Official Synonym Full Names	TP53 regulated inhibitor of apoptosis 1
NCBI Official Symbol	TRIAP1
NCBI Official Synonym Symbols	WF-1; MDM35; P53CSV; HSPC132
UniProt Protein Name	TP53-regulated inhibitor of apoptosis 1
UniProt Synonym Protein Names	Protein 15E1.1; WF-1; p53-inducible cell-survival factor; p53CSV
Protein Family	TP53-regulated inhibitor of apoptosis
UniProt Gene Name	TRIAP1
UniProt Synonym Gene Names	15E1.1; p53CSV
UniProt Entry Name	TRIA1_HUMAN
NCBI Protein Information	TP53-regulated inhibitor of apoptosis 1

UniProt Comments for TRIAP1	TRIAP1: Mediates cell survival by inhibiting activation of caspase-9 which prevents induction of apoptosis. Belongs to the TRIAP1/MDM35 family. Protein type: Apoptosis; Inhibitor; Mitochondrial Chromosomal Location of Human Ortholog: 12q24.31 Cellular Component: mitochondrial intermembrane space; mitochondrion; protein complex Molecular Function: p53 binding; protein binding Biological Process: DNA damage response, signal transduction by p53 class mediator; DNA damage response, signal transduction by p53 class mediator resulting in cell cycle arrest; negative regulation of apoptosis; negative regulation of caspase activity; phospholipid transport; positive regulation of transcription from RNA polymerase II promoter; regulation of apoptosis
Research Articles on TRIAP1	**1.** crystal structures of free TRIAP1 and TRIAP1-SLMO1 complex reveal how the PRELI domain is chaperoned during import into the intermembrane mitochondrial space; structural resemblance of PRELI-like domain of SLMO1 with that of mammalian phoshatidylinositol transfer proteins suggest they share similar lipid transfer mechanisms
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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