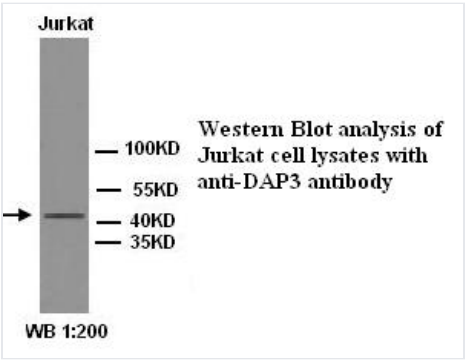
DAP3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DAP3, Polyclonal Antibody
Full Product Name	DAP3 Antibody
Product Gene Name	anti-DAP3 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Purified by peptide affinity column containing 1% BSA and 0.02% NaN3
Preparation and Storage	Already reconstituted in 200ul sterile H2O. The antibody is stable for at least one year when stored at-20 degree C.
Molecular Weight	41,673 Da
OMIM	602074
3D Structure	ModBase 3D Structure for P51398
Product Categories/Family for anti-DAP3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DAP3 antibody	Peptide ELISA (EIA), Western Blot (WB)
Application Notes for anti-DAP3 antibody	Peptide ELISA: 1:80,000 WB: 1:200-500
Related Product Information for anti-DAP3 antibody	Rabbit polyclonal DAP3 (1) antibody was raised against a 12 amino acid peptide from near the C terminal residues of human DAP3 protein.
Product References and Citations for anti-DAP3 antibody	(1) Miller, J.L., Koc, H. and Koc, E.C. Identification of phosphorylation sites in mammalian mitochondrial ribosomal protein DAP3.Protein Sci. 17 (2), 251-260 (2008).
Other Notes	Small volumes of anti-DAP3 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 DAP3 purchase	MBS859149 is an antibody targeting DAP3. Also known as DAP3 Antibody. Reactive in Human. Host: Rabbit.



Testing Data of anti-DAP3 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DAP3. It may not necessarily be applicable to this product.

NCBI GI #	16905526
NCBI GeneID	7818
NCBI Accession #	NP_387506.1
UniProt Primary Accession #	P51398
UniProt Secondary Accession #	Q13044; Q68CT7; Q96Q20; B4DP59; B4DY62; E7EM60
UniProt Related Accession #	P51398
GenBank Nucleotide #	NM_033657.2
NCBI Official Full Name	28S ribosomal protein S29, mitochondrial isoform 1
NCBI Official Synonym Full Names	death associated protein 3
NCBI Official Symbol	DAP3
NCBI Official Synonym Symbols	DAP-3; S29mt; MRPS29; MRP-S29; bMRP-10
UniProt Protein Name	28S ribosomal protein S29, mitochondrial
UniProt Synonym Protein Names	Death-associated protein 3; DAP-3; Ionizing radiation resistance conferring protein; Mitochondrial small ribosomal subunit protein mS29
Protein Family	28S ribosomal protein
UniProt Gene Name	DAP3
UniProt Synonym Gene Names	MRPS29; MRP-S29; S29mt; DAP-3
NCBI Protein Information	28S ribosomal protein S29, mitochondrial
NCBI Summary for DAP3	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that also participates in apoptotic pathways which are initiated by tumor necrosis factor-alpha, Fas ligand, and gamma interferon. This protein potentially binds ATP/GTP and might be a functional partner of the mitoribosomal protein S27. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. Pseudogenes corresponding to this gene are found on chromosomes 1q and 2q. [provided by RefSeq, Dec 2010]
UniProt Comments for DAP3	Involved in mediating interferon-gamma-induced cell death.
Research Articles on DAP3	**1.** DAP3 plays important roles in mitochondrial function and dynamics
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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