DAP3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DAP3, Polyclonal Antibody
Full Product Name	DAP3 Rabbit pAb
Product Gene Name	anti-DAP3 antibody
Product Synonym Names	DAP-3; 4921514D13Rik
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C.
Molecular Weight	45kDa
3D Structure	ModBase 3D Structure for Q9ER88
Immunogen	Synthetic peptide of mouse Dap3
Cellular Localization	Mitochondrion
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DAP3 antibody	Western Blot (WB)
Application Notes for anti-DAP3 antibody	WB: 1000-3000
Related Product Information for anti-DAP3 antibody	28S ribosomal protein S29, mitochondrial is a protein that in humans is encoded by the DAP3 gene. 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. This protein potentially binds ATP/GTP and might be a functional partner of the mitoribosomal protein S27. Splice variants that differ in the 5' UTR have been found for this gene; both variants encode the same protein. Pseudogenes corresponding to this gene are found on chromosomes 1q and 2q. DAP3 has been shown to interact with FADD, TNFRSF10A, Glucocorticoid receptor and Heat shock protein 90kDa alpha (cytosolic), member A1.
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	MBS8537918 is an antibody targeting DAP3. Also known as DAP3 Rabbit pAb. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	256985205
NCBI GeneID	65111

NCBI Accession #	NP_001158005.1
UniProt Primary Accession #	Q9ER88
UniProt Related Accession #	Q9ER88
GenBank Nucleotide #	NP_001158005.1
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; MRP-S29; 4921514D13Rik
UniProt Protein Name	28S ribosomal protein S29, mitochondrial
UniProt Synonym Protein Names	Death-associated protein 3; DAP-3
Protein Family	28S ribosomal protein
UniProt Gene Name	Dap3
UniProt Synonym Gene Names	Mrps29; MRP-S29; S29mt; DAP-3
UniProt Entry Name	RT29_MOUSE
NCBI Protein Information	28S ribosomal protein S29, mitochondrial
Research Articles on DAP3	**1.** DAP3 plays important roles in mitochondrial function and dynamics
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