10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DAP3 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20756c

Product Information

Application	WB, E
Primary Accession	P51398
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB49646
Calculated MW	45566

Additional Information

Gene ID	7818
Other Names	28S ribosomal protein S29, mitochondrial, MRP-S29, S29mt, Death-associated protein 3, DAP-3, Ionizing radiation resistance conferring protein, DAP3, MRPS29
Target/Specificity	This DAP3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 368-401 amino acids from the C-terminal region of human DAP3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	DAP3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DAP3 {ECO:0000303|PubMed:15489334}
Function	As a component of the mitochondrial small ribosomal subunit, it plays a role in the translation of mitochondrial mRNAs (PubMed:39701103). Involved in mediating interferon-gamma-induced cell death (PubMed:7499268).

Displays GTPase activity in vitro (PubMed:39701103).

Cellular Location Mitochondrion

Tissue Location Ubiquitous.

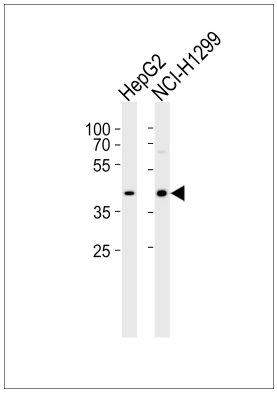
Background

Involved in mediating interferon-gamma-induced cell death.

References

Henning K.A.,et al.Thesis (1993), University of Stanford, United States.
Kissil J.L.,et al.J. Biol. Chem. 270:27932-27936(1995).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Images



Western blot analysis of lysates from HepG2, NCI-H1299 cell line (from left to right), using DAP3 Antibody (C-term)(Cat. #AP20756c). AP20756c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.