DAP3 Rabbit pAb

Catalog No	YP-Ab-17683
Isotype	IgG
Reactivity	Human,Mouse
Applications	WB,IHC-P
Gene Name	DAP3
Clonality	Polyclonal Antibody
SwissProt ID	P51398
Gene ID	7818
Research Field	Epigenetics and Nuclear Signaling
Product Categories	Primary antibody
Host	Rabbit
Buffer System	pH 7.4 PBS, 0.05% NaN3, 40% Glycerol
Immunogen	Fusion protein of human DAP3 Purification Affinity Purified Conjugation Unconjugated Modification Unmodified Form Liquid
Dilution	WB: 1/500-1/1000 IHC: 1/50-1/100
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Synonyms	death associated protein 3; DAP-3; S29mt; MRPS29; MRP-S29; bMRP-10
Molecular Weight	Calculated MW: 46 kDa; Observed MW: 46 kDa
Background	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.

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images