



# DAP3 Rabbit pAb

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

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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.

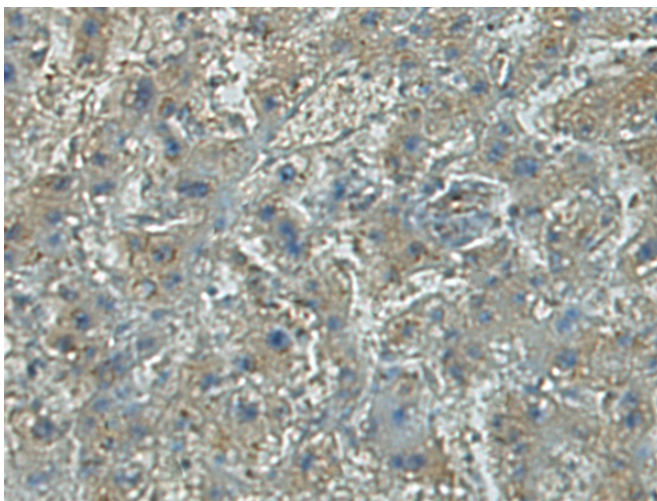
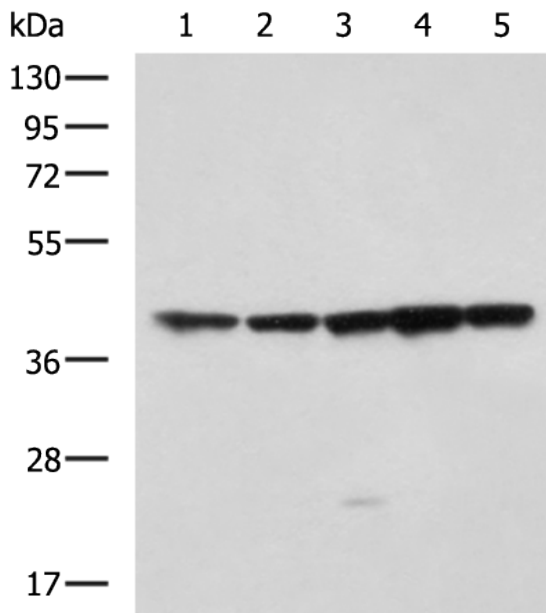
**matters needing attention**

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**



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