

DAP Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20466a

Specification

DAP Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P51397
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	11165
Antigen Region	10-38

DAP Antibody (N-term) - Additional Information

Gene ID 1611

Other Names

Death-associated protein 1, DAP-1, DAP, DAP1

Target/Specificity

This DAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-38 amino acids from the N-terminal region of human DAP.

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

DAP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DAP Antibody (N-term) - Protein Information

Name DAP ([HGNC:2672](#))

Function Ribosome-binding protein involved in ribosome hibernation, a process during which ribosomes are stabilized in an inactive state and preserved from proteasomal degradation (By

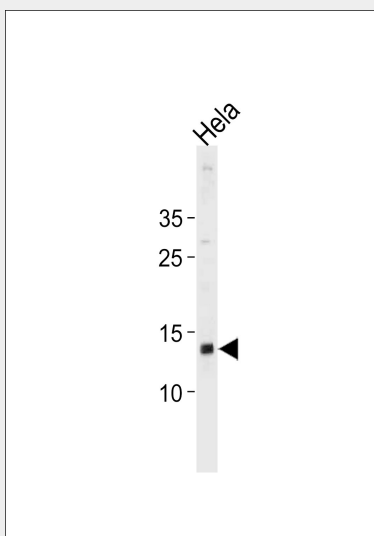
similarity). Acts via its association with eIF5a (EIF5A and EIF5A2) at the polypeptide exit tunnel of the ribosome, preventing mRNA translation (By similarity). Involved in ribosome hibernation in the mature oocyte by preventing mRNA translation, leading to ribosome inactivation (By similarity). Ribosomes, which are produced in large quantities during oogenesis, are stored and translationally repressed in the oocyte and early embryo (By similarity). Also acts as a negative regulator of autophagy (PubMed:[20537536](#)). Involved in mediating interferon-gamma-induced cell death (PubMed:[7828849](#)).

DAP Antibody (N-term) - Protocols

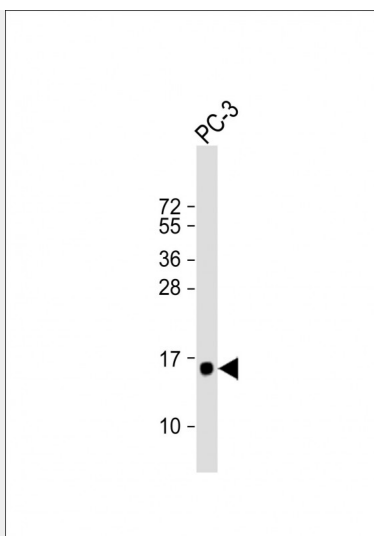
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DAP Antibody (N-term) - Images



DAP Antibody (N-term) (Cat. #AP20466a) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the DAP antibody detected the DAP protein (arrow).



Anti-DAP Antibody (N-term) at 1:1000 dilution + PC-3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 11 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

DAP Antibody (N-term) - Background

Negative regulator of autophagy. Involved in mediating interferon-gamma-induced cell death.

DAP Antibody (N-term) - References

- Gauci S., et al. Anal. Chem. 81:4493-4501(2009).
Koren I., et al. Curr. Biol. 20:1093-1098(2010).
Deiss L.P., et al. Genes Dev. 9:15-30(1995).
Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Zougman A., et al. J. Proteome Res. 5:925-934(2006).