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DAP Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20466a

Product Information

Application	WB, E
Primary Accession	P51397
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB44458
Calculated MW	11165
Antigen Region	10-38

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.

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).

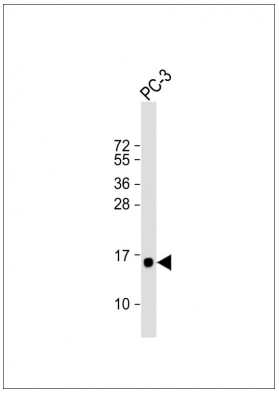
Background

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

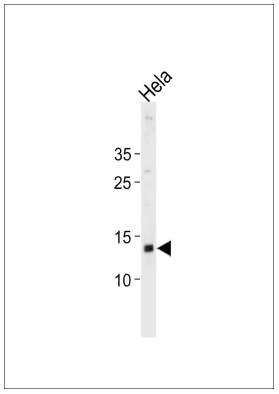
References

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Images



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

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