

**DAP Blocking Peptide (N-term)**  
**Synthetic peptide**  
**Catalog # BP20466a****Specification**

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**DAP Blocking Peptide (N-term) - Product Information**Primary Accession [P51397](#)**DAP Blocking Peptide (N-term) - Additional Information****Gene ID** 1611**Other Names**

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

**Target/Specificity**

The synthetic peptide sequence is selected from aa 25-38 of Human DAP

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**DAP Blocking Peptide (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:<a href="http://www.uniprot.org/citations/20537536" target="\_blank">20537536</a>). Involved in mediating interferon-gamma-induced cell death (PubMed:<a href="http://www.uniprot.org/citations/7828849" target="\_blank">7828849</a>).

**DAP Blocking Peptide (N-term) - Protocols**

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

- [Blocking Peptides](#)

#### **DAP Blocking Peptide (N-term) - Images**

#### **DAP Blocking Peptide (N-term) - Background**

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

#### **DAP Blocking Peptide (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).