

**DEDD Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18537c****Specification**

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**DEDD Antibody (Center) Blocking Peptide - Product Information**Primary Accession [O75618](#)**DEDD Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 9191**Other Names**

Death effector domain-containing protein, DEDPro1, Death effector domain-containing testicular molecule, FLDED-1, DEDD, DEDPRO1, DEFT

**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.

**DEDD Antibody (Center) Blocking Peptide - Protein Information****Name** DEDD**Synonyms** DEDPRO1, DEFT**Function**

A scaffold protein that directs CASP3 to certain substrates and facilitates their ordered degradation during apoptosis. May also play a role in mediating CASP3 cleavage of KRT18. Regulates degradation of intermediate filaments during apoptosis. May play a role in the general transcription machinery in the nucleus and might be an important regulator of the activity of GTF3C3. Inhibits DNA transcription in vitro (By similarity).

**Cellular Location**

Cytoplasm. Nucleus, nucleolus. Note=Translocated to the nucleus during CD95-mediated apoptosis where it is localized in the nucleoli (By similarity). Following apoptosis induction, the mono and/or diubiquitination form increases and forms filamentous structures that colocalize with KRT8 and KRT18 intermediate filament network in simple epithelial cells.

**Tissue Location**

Widely expressed with highest levels in testis.

## **DEDD Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **DEDD Antibody (Center) Blocking Peptide - Images**

## **DEDD Antibody (Center) Blocking Peptide - Background**

This gene encodes a protein that contains a death effectordomain (DED). DED is a protein-protein interaction domain shared byadaptors, regulators and executors of the programmed cell deathpathway. Overexpression of this gene was shown to induce weakapoptosis. Upon stimulation, this protein was found to translocatefrom cytoplasm to nucleus and colocalize with UBTF, a basal factorrequired for RNA polymerase I transcription, in the nucleolus. Atleast three transcript variants encoding the same protein have beenfound for this gene.

## **DEDD Antibody (Center) Blocking Peptide - References**

Thorenoor, N., et al. Biochemistry 49(7):1435-1447(2010)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Park, M.Y., et al. Int. J. Cancer 115(3):412-418(2005)Alcivar, A., et al. Oncogene 22(2):291-297(2003)Lee, J.C., et al. J. Cell Biol. 158(6):1051-1066(2002)