

**DEDD Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18537c****Specification**

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**DEDD Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O75618</a>
Other Accession	<a href="#">O9Z2K0</a> , <a href="#">O9Z1L3</a> , <a href="#">NP_001034800.1</a>
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	36794
Antigen Region	165-191

**DEDD Antibody (Center) - Additional Information****Gene ID** 9191**Other Names**

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

**Target/Specificity**

This DEDD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 165-191 amino acids from the Central region of human DEDD.

**Dilution**

WB~~1:1000

**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**

DEDD Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**DEDD Antibody (Center) - 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.

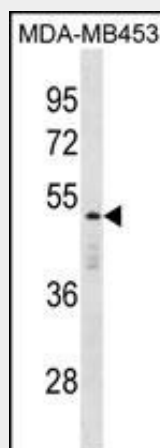
**Tissue Location**

Widely expressed with highest levels in testis.

**DEDD Antibody (Center) - 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](#)

**DEDD Antibody (Center) - Images**

DEDD Antibody (Center) (Cat. #AP18537c) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the DEDD antibody detected the DEDD protein (arrow).

**DEDD Antibody (Center) - Background**

This gene encodes a protein that contains a death effector domain (DED). DED is a protein-protein interaction domain shared by adaptors, regulators and executors of the programmed cell death

pathway. Overexpression of this gene was shown to induce weak apoptosis. Upon stimulation, this protein was found to translocate from cytoplasm to nucleus and colocalize with UBTF, a basal factor required for RNA polymerase I transcription, in the nucleolus. At least three transcript variants encoding the same protein have been found for this gene.

#### **DEDD Antibody (Center) - 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)