

# DEDD1 Rabbit pAb

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Catalog # AP58583

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF
<b>Primary Accession</b>	<a href="#">O75618</a>
<b>Reactivity</b>	Human, Rat
<b>Predicted</b>	Mouse, Chicken, Pig
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	36794
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human DEDD1
<b>Epitope Specificity</b>	151-250/318
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Cytoplasm. Nucleus, nucleolus.
<b>SIMILARITY</b>	Contains 1 DED (death effector) domain.
<b>SUBUNIT</b>	Interacts with CASP8, CASP10, KRT8, KRT18, CASP3 and FADD. Homodimerizes and heterodimerizes with DEDD2.
<b>Post-translational modifications</b>	Exists predominantly in a mono- or diubiquitinated form.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	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.

## Additional Information

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<b>Gene ID</b>	9191
<b>Other Names</b>	Death effector domain-containing protein, DEDPro1, Death effector domain-containing testicular molecule, FLDED-1, DEDD, DEDPRO1, DEFT
<b>Target/Specificity</b>	Widely expressed with highest levels in testis.
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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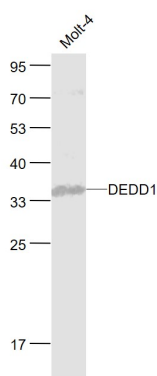
## Protein Information

<b>Name</b>	DEDD
<b>Synonyms</b>	DEDPRO1, DEFT
<b>Function</b>	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).
<b>Cellular Location</b>	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.
<b>Tissue Location</b>	Widely expressed with highest levels in testis.

## Background

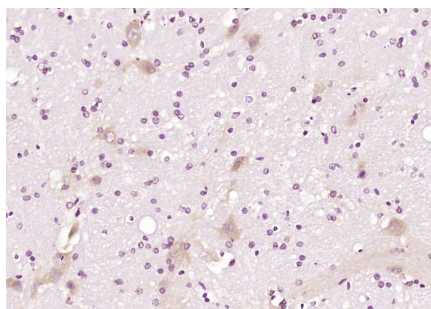
This gene encodes a protein that contains a death effector domain (DED). DED is a protein-protein interaction domain shared by adaptors, regulators and executors of the programmed cell death pathway. Overexpression of this gene was shown to induce weak apoptosis. Upon stimulation, this protein was found 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.

## Images



Sample:  
Molt-4(Human) Cell Lysate at 30 ug  
Primary: Anti- DEDD1 (AP58583) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 35 kD  
Observed band size: 35 kD

Paraformaldehyde-fixed, paraffin embedded (rat brain);  
Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DEDD1) Polyclonal Antibody,



Unconjugated (AP58583) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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