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Rabbit Anti-DEDD1 antibody

SL7062R

Product Name:	DEDD1
Chinese Name:	死亡效应结构域蛋白1抗体
Alias:	CASP8IP1; Death effector domain containing; Death effector domain containing protein; Death effector domain containing testicular molecule; DEDD 1; DEDD1; DEDPro 1; DEDPro1; DEFT; FLDED 1; FLDED1; KE 05; KE05; OTTHUMP00000031822.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	35kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DEDD1:151-250/318
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

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.

Subunit:
Interacts with CASP8, CASP10, KRT8, KRT18, CASP3 and FADD. Homodimerizes and heterodimerizes with DEDD2.

Subcellular Location:
Cytoplasm. Nucleus, nucleolus.

Tissue Specificity:
Widely expressed with highest levels in testis.

Post-translational modifications:
Exists predominantly in a mono- or diubiquitinated form.

Similarity:
Contains 1 DED (death effector) domain.

SWISS:
O75618

Gene ID:
9191

Database links:

Entrez Gene: 9191Human

Entrez Gene: 21945Mouse

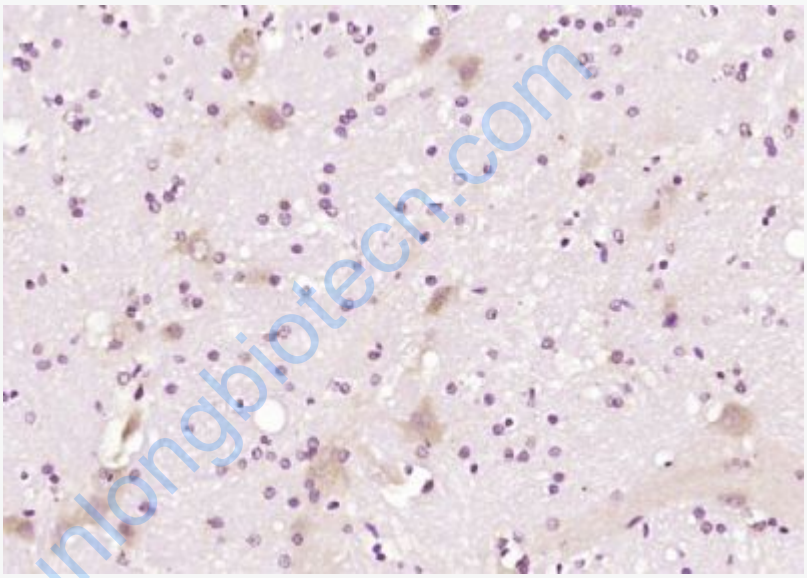
Entrez Gene: 83631Rat

Omim: 606841Human

SwissProt: O75618Human

SwissProt: Q9Z1L3Mouse

SwissProt: Q9Z2K0Rat

	Unigene: 146406Human Unigene: 270139Mouse Unigene: 203286Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 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 (SL7062R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.