

DEDD2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21912c

Product Information

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|--------------------------|------------------------|
| Application | WB, E |
| Primary Accession | Q8WXF8 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | polyclonal |
| Isotype | Rabbit IgG |
| Clone Names | RB53921 |
| Calculated MW | 36179 |

Additional Information

| | |
|---------------------------|--|
| Gene ID | 162989 |
| Other Names | DNA-binding death effector domain-containing protein 2, DED-containing protein FLAME-3, FADD-like anti-apoptotic molecule 3, DEDD2, FLAME3 |
| Target/Specificity | This DEDD2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 162-193 amino acids from the Central region of human DEDD2. |
| Dilution | WB~~1:2000 E~~Use at an assay dependent concentration. |
| 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 | DEDD2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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|-----------------|--|
| Name | DEDD2 |
| Synonyms | FLAME3 |
| Function | May play a critical role in death receptor-induced apoptosis and may target CASP8 and CASP10 to the nucleus. May regulate 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.

Cellular Location

Nucleus, nucleolus. Note=Nuclear, accumulated in subnuclear structures resembling nucleoli

Tissue Location

Expressed in most tissues. High levels were found in liver, kidney, heart, ovary, spleen, testes, skeletal muscle and peripheral blood leukocytes. Expression was absent or low in colon and small intestine. Expression is relatively high in the tumor cell lines chronic myelogenous leukemia K-562 and the colorectal adenocarcinoma SW480. Expression is moderate in the cervical carcinoma HeLa, the Burkitt's lymphoma Raji, the lung carcinoma A-549, and the melanoma G-361. In contrast, two leukemia cell lines, HL-60 (promyelocytic leukemia) and MOLT-4 (lymphoblastic leukemia), show relatively low levels.

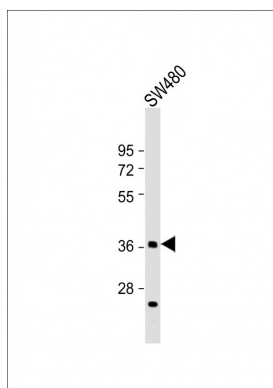
Background

May play a critical role in death receptor-induced apoptosis and may target CASP8 and CASP10 to the nucleus. May regulate 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.

References

Roth W., et al. J. Biol. Chem. 277:7501-7508(2002).
Zhan Y., et al. Cell Death Differ. 9:439-447(2002).
Lee J.C., et al. J. Cell Biol. 158:1051-1066(2002).
Otsuki T., et al. DNA Res. 12:117-126(2005).
Alcivar A., et al. Oncogene 22:291-297(2003).

Images



Anti-DEDD2 Antibody (Center) at 1:2000 dilution + SW480 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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