10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DEDD2 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21912c

Product Information

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

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 myologenous 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.

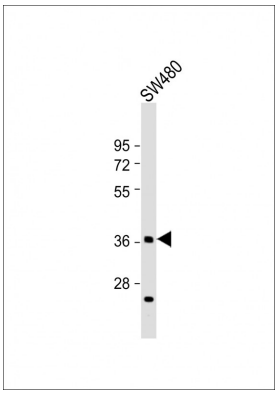
Background

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'.