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DEDD2 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13430

Product Information

Application	WB
Primary Accession	Q8WXF8
Other Accession	NM_133328, NP_579874
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rabbit, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36179

Additional Information

Gene ID	162989
Alias Symbol	FLAME-3
Other Names	DNA-binding death effector domain-containing protein 2, DED-containing protein FLAME-3, FADD-like anti-apoptotic molecule 3, DEDD2, FLAME3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-DEDD2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	DEDD2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

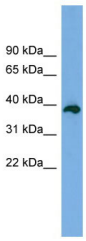
Name	DEDD2
Synonyms	FLAME3
Function	May play a critical role in death receptor-induced apoptosis and may target CASP8 and CASP10 to the nucleus. May regulate degradation of intermediate filaments during apoptosis. May play a role in the general transcription machinery in the nucleus and might be an important 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.

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



WB Suggested Anti-DEDD2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Human Lung

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