

M30163

ABH7 Antibody

- 50ul
- 100 uL



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Description:

May function as protein hydroxylase; can catalyze auto-hydroxylation at Leu-110 (in vitro), but this activity may be due to the absence of the true substrate. Required to induce programmed necrosis in response to DNA damage caused by cytotoxic alkylating agents. Acts by triggering the collapse of mitochondrial membrane potential and loss of mitochondrial function that leads to energy depletion and cell death. ALKBH7-mediated necrosis is probably required to prevent the accumulation of cells with DNA damage. Does not display DNA demethylase activity. Involved in fatty acid metabolism (By similarity).

Uniprot:Q9BT30

Alternative Names:

ABH7; ALKB7_HUMAN; ALKBH7; Alkylated DNA repair protein alkB homolog 7; MGC10974; Probable alpha-ketoglutarate-dependent dioxygenase ABH7; SPATA11; Spermatogenesis cell proliferation-related protein; Spermatogenesis-associated protein 11; UNQ6002; UNQ6002/PRO34564;

Reactivity:Human, Mouse, Rat

Source:Mouse

Mol Weight:24KD

Storage Condition: Store at -20 °C. Stable for 12 months from date of receipt.

Application:

WB 1:500-1:2000, IHC 1:50-1:200; IP 1:50-1:100