

Anti-DR6 (NT)

CATALOG No.: PX072A SIZE: 100 µg
 PX072B SIZE: 0.5 mg

BACKGROUND:

Apoptosis is induced by certain cytokines including TNF and Fas ligand of the TNF family through their death domain containing receptors, TNF-R1 and Fas. Several novel death receptors including DR3, DR4, and DR5 were recently identified. A new death domain containing receptor in the TNFR family was cloned recently and termed DR6 for death receptor-6 (1). Like TNF-R1, DR6 interacts with death domain containing adapter molecule TRADD. Overexpression of DR6 induces apoptosis and activates NF-κB and JNK. DR6 is widely expressed in human tissues and cell lines (1). The ligand for DR6 has not been identified.

SOURCE:

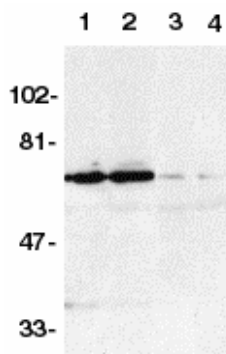
Rabbit anti-DR6 (NT) polyclonal antibody was raised against a peptide corresponding to amino acids 42 to 56 of human DR6 precursor (1).

APPLICATION:

This polyclonal antibody can be used for detection of DR6 by Western blot at 1:500 to 1:2000 dilution. HeLa and K562 whole cell lysate can be used as positive control and an approximately 68 kDa band can be detected. For research use only.

STORAGE:

It is supplied as purified IgG, 100 µg in 200 µl of PBS containing 0.02% sodium azide. Store at 4°C, stable for one year.



Western blot analysis of DR6 in K562 (1,3) and Raji (2,4) whole cell lysate in the absence (1,2) or presence (3,4) of blocking peptide (Catalog no. 2157P) with anti-DR6 (NT) at 1:500 dilution.

REFERENCES:

1. Pan G, Bauer JH, Haridas V, Wang S, Liu D, Yu G, Vincenz C, Aggarwal BB, Ni J, Dixit VM. Identification and functional characterization of DR6, a novel death domain-containing TNF receptor. *FEBS Lett* 1998;431:351-6

CAUTION: NOT FOR USE IN HUMANS. FOR RESEARCH PURPOSES ONLY.



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