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Polyclonal Antibody to Human DR6 (NT)

Catalog No.: SP6256P

Quantity: 50 µg

Concentration: 0.5 mg/ml

Host: Rabbit

Immunogen: Rabbit anti-DR6 (NT) polyclonal antibody was raised against a peptide corresponding to amino acids 42 to 56 of human DR6 precursor (1). Peptide available as SP6256CP.

Applications: Western blot: 1/500 - 1:2000. HeLa and K562 whole cell lysate can be used as positive control and an approximately 68 kDa band can be detected. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user.
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Specificity: This antibody recognises the death domain containing receptor DR6. DR6 is widely expressed in human tissues and cell lines. 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-?B and JNK. DR6 is widely expressed in human tissues and cell lines (1). The ligand for DR6 has not been identified.

Storage: Store at +4oC or at -20oC if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

1. Pan G, Bauer JH, Haridas V, Wang S, Liu D, Yu G, et al. Identification and functional characterization of DR6, a novel death domain-containing TNF receptor. FEBS Lett. 1998 Jul 24;431(3):351-6. PubMed PMID: 9714541.