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35-1822: Polyclonal Antibody to DP-1

Clonality: Polyclonal

Application: WB

Reactivity: Human, Mouse

Gene: TFDP1
Gene ID: 7027
Uniprot ID: Q14186
Format: Purified

Alternative Name: Dp-1, TFDP1, DRTF1

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around aa.13~17(E-L-K-V-F) derived from Human DP-1

Description

Can stimulate E2F-dependent transcription. Binds DNA cooperatively with E2F family members through the E2 recognition site, 5'-TTTC[CG]CGC-3', found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DP2/E2F complex functions in the control of cell-cycle progression from G1 to S phase. The E2F-1/DP complex appears to mediate both cell proliferation and apoptosis. Wu C.-L., Zukerberg L.R., Ngwu C., Harlow E., Lees J.A.Mol. Cell. Biol. 15:2536-2546(1995)

Product Info

Amount : 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Predicted MW: 45kd, Western blotting: 1:500~1:1000

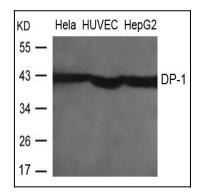


Figure 1: Western blot analysis of extracts from Hela, HUVEC and HepG2 cells using DP-1 Antibody 35-1822 .