

35-1443: Polyclonal Antibody to p53 (Ab-46)

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| Clonality : | Polyclonal |
| Application : | WB |
| Reactivity : | Human |
| Gene : | TP53 |
| Gene ID : | 7157 |
| Uniprot ID : | P04637 |
| Format : | Purified |
| Alternative Name : | Tumor suppressor p53, Phosphoprotein p53, Antigen NY-CO-13 |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Peptide sequence around aa. 44~48 (M-L-S-P-D) derived from Human p53. |

Description

Acts as a tumor suppressor in many tumor types; induces growth arrest or apoptosis depending on the physiological circumstances and cell type. Involved in cell cycle regulation as a trans-activator that acts to negatively regulate cell division by controlling a set of genes required for this process. One of the activated genes is an inhibitor of cyclin-dependent kinases. Apoptosis induction seems to be mediated either by stimulation of BAX and FAS antigen expression, or by repression of Bcl-2 expression. Implicated in Notch signaling cross-over.

Product Info

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| Amount : | 50 μ l / 100 μ l |
| Content : | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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: 53kd, Western blotting: 1:500~1:1000

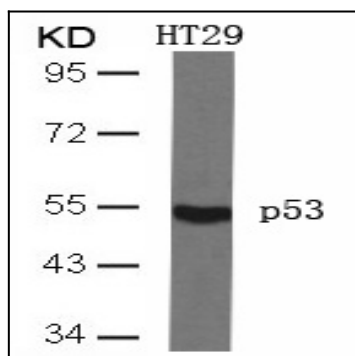


Figure 1: Western blot analysis of extracts from HT29 cells using p53(Ab-46) Antibody 35-1443 .