

35-1576: Polyclonal Antibody to SAPK/JNK (Ab-183)

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|--------------------------------|---|
| Clonality : | Polyclonal |
| Application : | WB,IHC |
| Reactivity : | Human,Mouse,Rat |
| Gene : | MAPK9 |
| Gene ID : | 5601 |
| Uniprot ID : | P45984/P53779 |
| Format : | Purified |
| Alternative Name : | JNK2 |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Peptide sequence around aa.181~185 (M-M-T-P-Y) derived from Human SAPK/JNK. |

Description

Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as c-Jun and ATF2 and thus regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-helper cells into Th1 cells.

Product Info

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|----------------------------|--|
| Amount : | 50 µl / 100 µl |
| 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: 46 54 kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

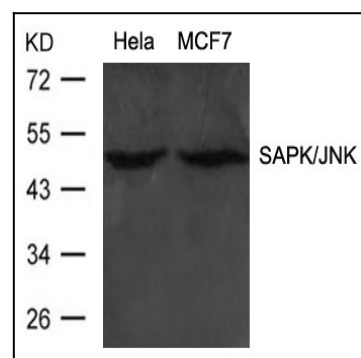


Figure 1: Western blot analysis of extracts from HeLa and MCF cells using SAPK/JNK(Ab-183) Antibody 35-1576 .

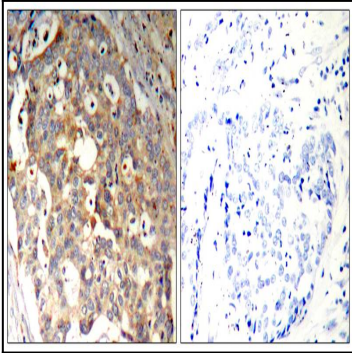


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SAPK/JNK(Ab-183) Antibody 35-1576 (left) or the same antibody preincubated with blocking peptide(right).