

35-1366: Polyclonal Antibody to MEK-2 (Ab-394)

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|--------------------------------|---|
| Clonality : | Polyclonal |
| Application : | WB,IHC |
| Reactivity : | Human,Rat |
| Gene : | MAP2K2 |
| Gene ID : | 5605 |
| Uniprot ID : | P36507 |
| Format : | Purified |
| Alternative Name : | ERK activator kinase 2, MAP kinase kinase 2, MAP2K2, MAPK/ERK kinase 2, MAPKK 2 |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Peptide sequence around aa.392~396 (P-G-T-P-T) derived from Human MEK-2. |

Description

Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in MAP kinases. Activates the ERK1 and ERK2 MAP kinases

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: 44kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

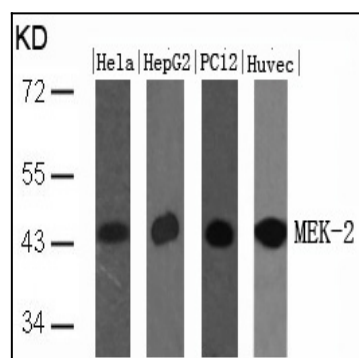


Figure 1: Western blot analysis of extracts from HeLa, HepG2, PC12 and HUVEC cells using MEK-2(Ab-394) Antibody 35-1366 .

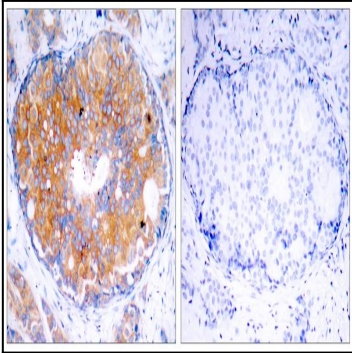


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MEK-2(Ab-394) Antibody 35-1366 (left) or the same antibody preincubated with blocking peptide(right).