

MEK1 Polyclonal Antibody

catalog number: **E-AB-90010**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

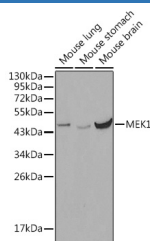
Description

| | |
|---------------------|--|
| Reactivity | Human;Mouse;Rat |
| Immunogen | A synthetic peptide of human MEK1 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

Applications

| Applications | Recommended Dilution |
|--------------|----------------------|
| WB | 1:500-1:2000 |
| IF | 1:50-1:100 |

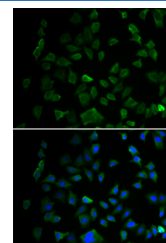
Data



Western blot analysis of extracts of various cell lines using MEK1 Polyclonal Antibody

Observed-MV:46 kDa

Calculated-MV:40 kDa/43 kDa



Immunofluorescence analysis of U2OS cells using MEK1 Polyclonal Antibody. Blue: DAPI for nuclear staining.

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development.

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