

**Phospho-MEK1-T286 polyclonal antibody**

Catalog: BS6391

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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.

**Product:**

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

43kDa

**Swiss-Prot:**

Q02750

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

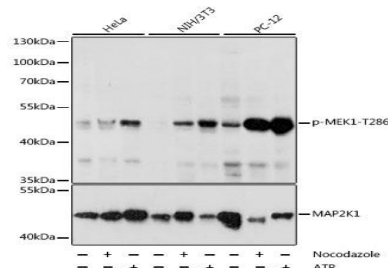
WB, 1:500 - 1:2000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Category:**

Phosphorylated Antibodies

**DATA:**

Western blot analysis of extracts of various cell lines, using Phospho-MEK1-T286 antibody at 1:2000 dilution or MEK1 antibody.

HeLa cells were treated by nocodazole at 37°C for 20 hours or treated by ATP at 30°C for 1 hour. NIH/3T3 cells were treated by Nocodazole at 37°C for 20 hours or treated by ATP at 30°C for 1 hour. PC-12 cells were treated by Nocodazole at 37°C for 16 hours or treated by ATP at 30°C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 30s.

**Note:**

For research use only, not for use in diagnostic procedure.

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