

Phospho-MEK1-S217 polyclonal antibody

Catalog: BS6388

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

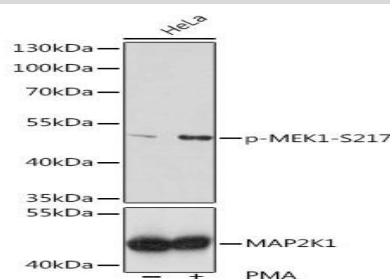
Storage&Stability:

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 HeLa cells, using Phospho-MEK1-S217 pAb at 1:1000 dilution or MEK1 antibody. HeLa cells were treated by PMA/TPA at 37°C for 15 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

Note:

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

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