

MEK-7 (phospho-S271) polyclonal antibody

Catalog: BCP01091

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

MKK7 is a MAP kinase kinase that serves as a specific activator of the SAPK/JNK pathway. MKK7 is strongly activated by TNF- α , as well as other environmental stresses, whereas SEK1/MKK4, which activates both p38 and SAPK/JNK pathways, is not activated by TNF- α . Sequence alignment of the activation loop of the MAP kinase kinase family members indicates that Ser271 and Thr275 are potential phosphorylation sites that are crucial for the kinase activity.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 48 kDa

Swiss-Prot:

O14733

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: 1:500~1:1000

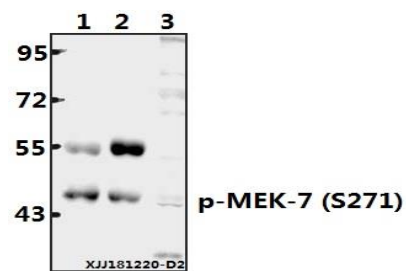
Storage&Stability:

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

Specificity:

MEK-7 (phospho-S271) polyclonal antibody detects endogenous levels of MEK-7 protein only when phosphorylated at Ser271.

DATA:



Western blot (WB) analysis of

MEK-7 (phospho-S271) polyclonal antibody at 1:500 dilution

Lane1: The Heart tissue lysate of Rat(20ug)

Lane2: The Heart tissue lysate of Mouse(20ug)

Lane3: Myla2059 whole cell lysate(40ug)

Note:

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