

MNK2 (Phospho-T249) polyclonal antibody

Catalog: BS64558

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The MAPKAP kinases (for MAP kinase activated protein kinases) are a group of MAP kinase substrates which are themselves kinases. In response to activation, the MAP kinases phosphorylate downstream components on a consensus Pro-X-Ser/Thr-Pro motif. Several kinases that contain this motif have been identified and serve as substrates for the ERK and p38 MAP kinases. These include the serine/threonine kinases Rsk-1 (also designated MAPKAP kinase-1), Rsk-2 and Rsk-3, which are phosphorylated by ERK1 and ERK2. Similarly, p38 phosphorylates and activates the serine/threonine kinases MAPKAP kinase-2 and MAPKAP kinase-3 (also designated 3pK). The serine/ threonine kinases Mnk1 and Mnk2 are substrates for both ERK and p38 MAP kinases. Mnk2 exists as multiple isoforms, including Mnk2a and Mnk2b, due to alternative splicing events.

Product:

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

Molecular Weight:

~ 52 kDa

Swiss-Prot:

Q9HBH9

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

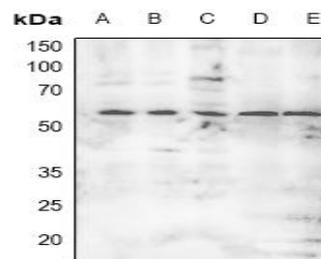
Storage&Stability:

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

Specificity:

MNK2 (Phospho-T249) polyclonal antibody detects endogenous levels of MNK2 protein only when phosphorylated at Thr249.

DATA:



Western blot (WB) analysis of MNK2 (Phospho-T249) polyclonal antibody at 1:500 dilution

LaneA:SGC7901 whole cell lysate

LaneB:PC3 whole cell lysate

LaneC:Jurkat whole cell lysate

LaneD:The Eye tissue lysate of Mouse

LaneE:The Brain tissue lysate of Rat

Note:

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

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