

MEK-3 (S183) polyclonal antibody

Catalog: BS1227

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The prototype member of this family, designated MAP kinase kinase, or MEK-1, specifically phosphorylates the MAP kinase regulatory threonine and tyrosine residues present in the Glu-Tyr motif of ERK. A second MEK family member, MEK-2, resembles MEK-1 in its substrate specificity. MEK-3 (or MKK-3) functions to activate p38 MAP kinase, and MEK-4 (also called SEK1 or MKK-4) activates both p38 and JNK MAP kinases. MEK-5 appears to specifically phosphorylate ERK5, whereas MEK-6 phosphorylates p38 and p38b. MEK-7 (or MKK-7) phosphorylates and activates the JNK signal transduction pathway.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 39 kDa

Swiss-Prot:

P46734

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

IHC: 1:50~1:200

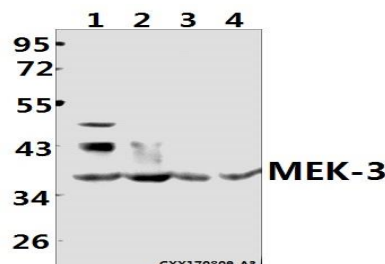
Storage&Stability:

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

Specificity:

MEK-3 (S183) polyclonal antibody detects endogenous levels of MEK-3 protein.

DATA:



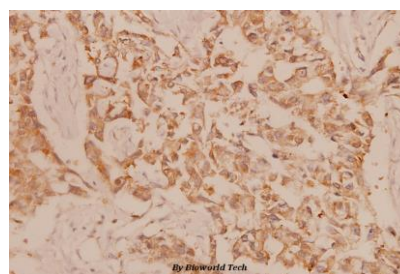
Western blot (WB) analysis of MEK-3 (S183) pAb at 1:500 dilution

Lane1: MCF-7 whole cell lysate (40ug)

Lane2: A375 whole cell lysate (40ug)

Lane3: The Kidney tissue lysate of Mouse (40ug)

Lane4: The Testis tissue lysate of Rat (40ug)



Immunohistochemistry (IHC) analysis of MEK-3 (S183) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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