

MEK-4(Phospho Thr261) Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP11261

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human SEK1/MKK4 around the

phosphorylation site of Thr261. AA range:227-276

Mol wt 44288

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Dual specificity mitogen-activated protein kinase kinase 4

Synonyms Dual specificity mitogen-activated protein kinase kinase 4; MAP2K4; JNKK1; MEK4; MKK4; PRKMK4;

SEK1; SERK1; SKK1; Dual specificity mitogen-activated protein kinase 4; MAP kinase kinase 4; MAPKK 4; JNK-activating kinase 1; MAPK/ERK kinase 4; MEK 4; SAPK/ERK kinase 1; SEK1; Stress-

activated pro

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

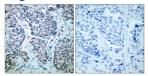
This gene encodes a member of the mitogen-activated protein kinase (MAPK) family. Members of this family act as an integration point for multiple biochemical signals and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation, and development. They form a three-tiered signaling module composed of MAPKKKs, MAPKKs, and MAPKs. This protein is phosphorylated at serine and threonine residues by MAPKKKs and subsequently phosphorylates downstream MAPK targets at threonine and tyrosine residues. A similar protein in mouse has been reported to play a role in liver organogenesis. A pseudogene of this gene is located on the long arm of chromosome X. Alternative splicing results in multiple transcript variants.

Recommended Dilution

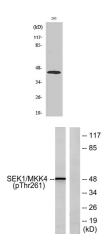
WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 1: 300 ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using SEK1/MKK4 (Phospho-Thr261) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-MEK-4 (T261) Polyclonal Antibody

Western blot analysis of lysates from 293 cells treated with UV 15', using SEK1/MKK4 (Phospho-Thr261) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com