

Anti-MEK6/MAP2K6 Antibody

Catalog Number: PA1921

About MAP2K6

MAP2K6 (Mitogen-activated protein kinase kinase 6), also known as MAP kinase kinase 6 (MAPKK 6) or MAPK/ERK kinase 6 is an enzyme that in humans is encoded by the MAP2K6 gene. It is located on chromosome 17. MAPKK 6 is a member of the dual specificity protein kinase family, which functions 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 phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress-induced cell cycle arrest, transcription activation and apoptosis.

Overview

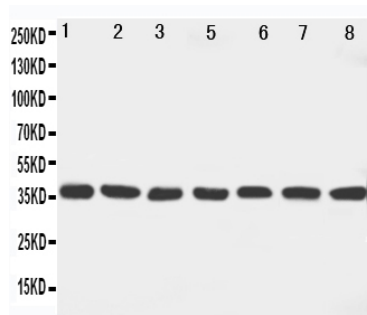
Product Name	Anti-MEK6/MAP2K6 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MEK6/MAP2K6 Antibody catalog # PA1921. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P52564

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human MEK6, identical to the related mouse sequence and different from the related rat sequence by one amino acid.
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized

Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat

Anti-MEK6/MAP2K6 Antibody (PA1921) Images



Anti-MEK6 antibody, PA1921, Western blotting

Lane 1: Rat Ovary Tissue Lysate
Lane 2: Rat Spleen Tissue Lysate
Lane 3: Rat Brain Tissue Lysate
Lane 4: Rat Heart Tissue Lysate
Lane 5: NIH3I3 Cell Lysate
Lane 6: HELA Cell Lysate
Lane 7: JRUKAT Cell Lysate
Lane 8: MCF-7 Cell Lysate

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