

A7724

Leader in Biomolecular Solutions for Life Science



MAP2K4 Rabbit pAb

Catalog No.: A7724 **2 Publications**

Basic Information

Observed MW

44kDa

Calculated MW

44kDa

Category

Polyclonal Antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human,Mouse,Rat

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 Dilutions

WB 1:500 - 1:1000

IP 0.5µg-4µg antibody for
200µg-400µg extracts
of whole cells

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

Contact



www.abclonal.com

Immunogen Information

Gene ID

6416

Swiss Prot

P45985

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

JNKK; MEK4; MKK4; SEK1; SKK1; JNKK1; SERK1; MAPKK4; PRKMK4; SAPKK1; SAPKK-1; MAP2K4

Product Information

Source

Rabbit

Isotype

IgG

Purification

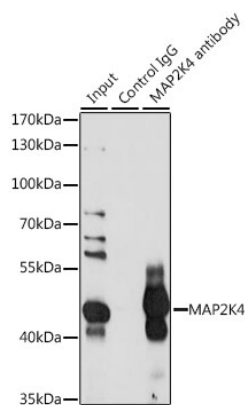
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Immunoprecipitation analysis of 200 µg extracts of MCF-7 cells, using 3 µg MAP2K4 antibody (A7724). Western blot was performed from the immunoprecipitate using MAP2K4 antibody (A7724) at a dilution of 1:1000.