

AP0390

Leader in Biomolecular Solutions for Life Science



Phospho-MAP2K4-S80 Rabbit pAb

Catalog No.: AP0390

Basic Information

Observed MW

44kDa

Calculated MW

44kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC

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 - 1:2000

IF/ICC 1:100 - 1:200

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; Phospho-MAP2K4-S80

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

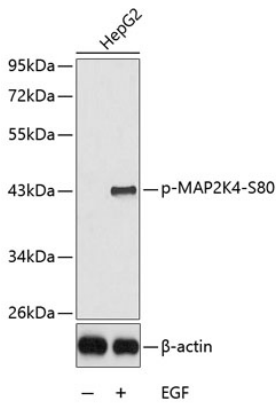
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of lysates from HepG2 cells, using Phospho-MAP2K4-S80 Rabbit pAb (AP0390).

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% BSA.