

Phospho-MAP2K4-S80 Rabbit Polyclonal Antibody

CABP0390



Product Information

Size:

50uL, 100uL, 200uL

Observed MW:

44kDa

Calculated MW:

44kDa/45kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100 IF 1:100 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

6416

Uniprot

P45985

Synonyms:

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

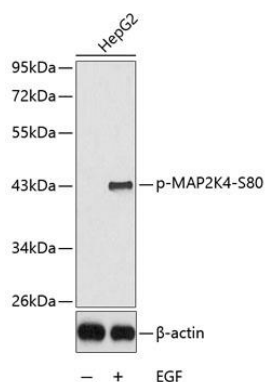
Immunogen:

A phospho specific peptide corresponding to residues surrounding S80 of human MAP2K4

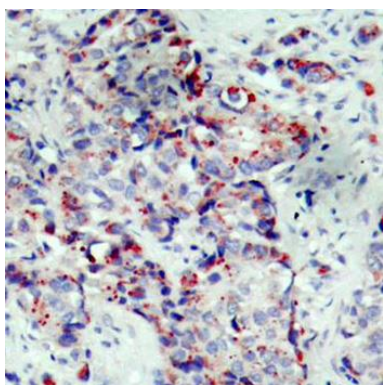
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

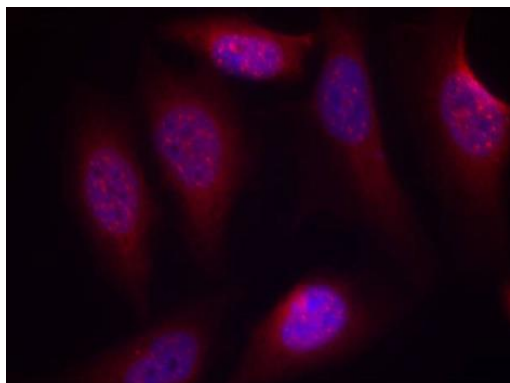
Product Images



Western blot analysis of extracts from HepG2 cells, using Phospho-MAP2K4-S80 antibody (CABP0390). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.



Immunohistochemistry of paraffin-embedded human breast carcinoma using Phospho-MAP2K4-S80 antibody (CABP0390).



Immunofluorescence analysis of methanol-fixed HeLa cells using Phospho-MAP2K4-S80 antibody (CABP0390).