

Phospho-MAP2K1-S217/MAP2K2-S221 Rabbit pAb

Catalog NO.: AP0209SP **18 Publications**

Basic Information

Observed MW

45 kDa

Calculated MW

40 kDa/43 kDa/44 kDa

Category

Phosphorylated Antibodies

Applications

WB, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Background

The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts 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 kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development. [provided by RefSeq, Jul 2008]

Recommended Dilutions

WB 1:1000 - 1:2000

IP

1 µg - 4 µg antibody for 800 µg - 1000 µg extracts of whole cells

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000)

Immunogen Information

Gene ID

5604/5605

Swiss Prot

Q02750/P36507

Immunogen

This information is considered to be commercially sensitive.

Synonyms

MEK1/MEK2; Phospho-MAP2K1-S217/MAP2K2-S221

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

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

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

Validation Data



