Leader in Biomolecular Solutions for Life Science

Phospho-MEK1-S217 Rabbit pAb

Catalog No.: AP0062

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Basic Information

Observed MW
43kDa

Calculated MW
43kDa

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross Reactivity
Human, Mouse, Rat

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.

Recommended Dilutions

WB	1:500 - 1:2000

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

Immunogen Information

Gene ID
5604

Swiss-Prot
Q02750

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

Synonyms
MEL; CFC3; MEK1; MKK1; MAPKK1; PRKMK1; Phospho-MEK1-S217

Contact

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Product Information

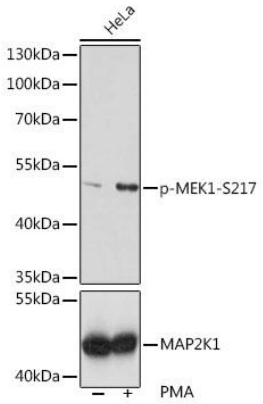
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

Storage
Store at -20℃
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from HeLa cells using Phospho-MEK1-S217 Rabbit pAb (AP0062) incubated overnight at 4℃. HeLa cells were treated with PMA/TPA (200 nM) at 37℃ for 15 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60 s.

For research use only. Not for therapeutic or diagnostic purposes.
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