For Research Use Only

Phospho-MEK6 (Ser207) Polyclonal antibody

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Antibodies | ELISA kits | Proteins
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Catalog Number:28903-1-AP

Basic Information

Catalog Number:
28903-1-AP

Size:
600 μg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC012009

GeneID (NCBI):
5608

UNIPROT ID:
P52564

Full Name:
mitogen-activated protein kinase kinase 6

Calculated MW:
334 aa, 37 kDa

Observed MW:
35-37 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:6000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human

Positive Controls:

WB : UV treated HEK-293 cells, HEK-293 cells, HeLa cells, Anisomycin treated HeLa cells

Background Information

MAPKK6 (Dual specificity mitogen activated protein kinase kinase 6), also known as MAP2K6 / MEK6 / MKK6, is a member of MAPKK protein kinase family. MKK6 plays an important role in intracellular signaling pathways leading toward activation of the p38 MAP kinase. MEK6 phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. Phosphorylation of Ser207 and Thr211 by MAP3Ks is critical for MEK6 activation, and acetylation of these resides by VopA blocks MEK6 activity(PMID: 26648936). The antibody also recognizes the ser218 phosphorylation site of MEK3.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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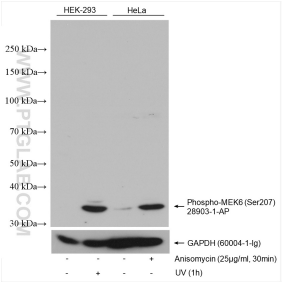
Selected Validation Data



Non-treated HEK-293 cells, UV treated HEK-293 cells, non-treated HeLa cells and Anisomycin treated HeLa cells were subjected to SDS PAGE followed by western blot with 28903-1-AP (Phospho-MEK6 (Ser207) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as loading control.