

M3K13 Antibody

Catalog No: #33582

Package Size: #33582-1 50ul #33582-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

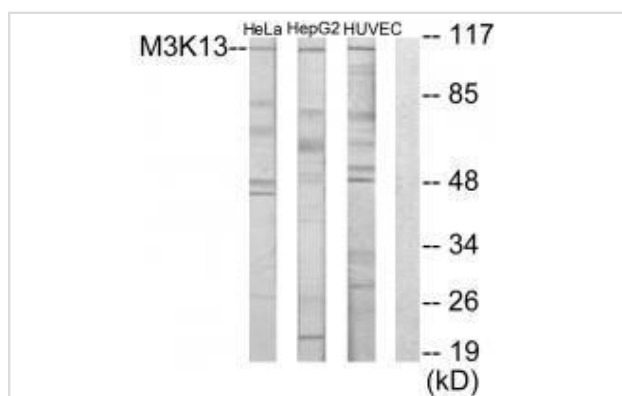
Description

Product Name	M3K13 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total M3K13 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human M3K13.
Target Name	M3K13
Other Names	Mitogen-activated protein kinase kinase kinase 13; EC 2.7.11.25; Mixed lineage kinase; MLK; Leucine zipper-bearing kinase
Accession No.	Swiss-Prot: O43283NCBI Gene ID: 9175
Uniprot	O43283
GeneID	9175;
SDS-PAGE MW	108kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HeLa cells, HUVEC cells and HepG2 cells, using M3K13 antibody #33582.

Background

Activates the JUN N-terminal pathway through activation of the MAP kinase kinase MAP2K7. Acts synergistically with PRDX3 to regulate the activation of NF-kappa-B in the cytosol. This activation is kinase-dependent and involves activating the IKK complex, the IKBKB-containing complex that phosphorylates inhibitors of NF-kappa-B.

Sakuma H., J. Biol. Chem. 272:28622-28629(1997).

Schultz S.J., Cell Growth Differ. 4:821-830(1993).

Ikeda A., FEBS Lett. 488:190-195(2001).

Note: This product is for in vitro research use only