Phospho-MAP2K1 (T292) Recombinant Antibody

RACO0098

Product Information

Size:

50ul

Reactivity:

Human

Source:

Human

Isotype:

Rabbit IgG

Applications:

ELISA, WB

Recommended dilutions:

WB:1:500-1:5000

Protein Background:

Dual specificity protein kinase which acts as an essential component of the MAP kinase signal transduction pathway. Binding of extracellular ligands such as growth factors, cytokines and hormones to their cell-surface receptors activates RAS and this initiates RAF1 activation. RAF1 then further activates the dual-specificity protein kinases MAP2K1/MEK1 and MAP2K2/MEK2. Both MAP2K1/MEK1 and MAP2K2/MEK2 function specifically in the MAPK/ERK cascade, and catalyze the concomitant phosphorylation of a threonine and a tyrosine residue in a Thr-Glu-Tyr sequence located in the extracellular signal-regulated kinases MAPK3/ERK1 and MAPK1/ERK2, leading to their activation and further transduction of the signal within the MAPK/ERK cascade.

Gene ID:

MAP2K1

Uniprot

Q02750

Synonyms:

Dual specificity mitogen-activated protein kinase kinase 1, MAP kinase kinase 1, MAPKK 1, MKK1, ERK activator kinase 1, MAPK/ERK kinase 1, MEK 1, MAP2K1, MEK1, PRKMK1

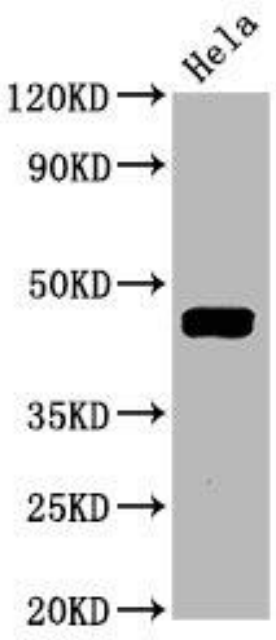
Immunogen:

A synthesized peptide derived from human Phospho-MAP2K1 (T292).

Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Western Blot
Positive WB detected in(Hela whole cell lysate) All lanes: Phospho-MAP2K1 antibody at 1.645µg/ml
Secondary
Goat polyclonal to rabbit IgG at 1:50000 dilution
Predicted band size: 45 KDa
Observed band size: 45 KDa