

# Phospho-MAPK14 (Tyr322) Antibody



PACO23955

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## Product Information

**Size:**

100ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:1000

**Protein Background:**

Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK14 is one of the four p38 MAPKs which play an important role in the cascades of cellular responses evoked by extracellular stimuli such as proinflammatory cytokines or physical stress leading to direct activation of transcription factors. Accordingly, p38 MAPKs phosphorylate a broad range of proteins and it has been estimated that they may have approximately 200 to 300 substrates each. Some of the targets are downstream kinases which are activated through phosphorylation and further phosphorylate additional targets.

**Gene ID:**

MAPK14

**Uniprot**

Q16539

**Synonyms:**

RK, p38, CSBP, EXIP, Mxi2

**Immunogen:**

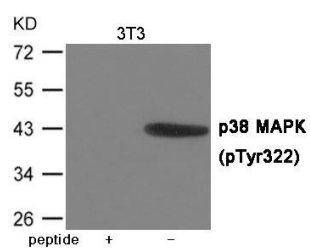
Peptide sequence around phosphorylation site of Tyrosine 322(D-P-Y(p)-D-Q) derived from Human p38 MAPK.

**Storage:**

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images

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Western blot analysis of extracts from 3T3 cells using p38 MAPK (Phospho-Tyr322) Antibody. The lane on the left is treated with the antigen-specific peptide.