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35-1573: Polyclonal Antibody to p44/42 MAP Kinase (Ab-204)

Clonality: Polyclonal

Application: WB

Human, Mouse, Rat Reactivity:

Gene: MAPK3 Gene ID: 5595 **Uniprot ID:** P27361 Format: Purified

Alternative Name: Extracellular signal-regulated kinase 1

Rabbit IgG Isotype:

Immunogen Information: Peptide sequence around aa. 202~206 (T-E-Y-V-A) derived from Human p44/42 MAP Kinase.

Description

Involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK-1. Phosphorylates EIF4EBP1; required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2). Phosphorylates SPZ1 TETE HANNKEN, et al. (2000) Am Soc Nephrol 11:1387-1397 Omar D. PerezNature et al. (2002) Biotechnology 20: 155 - 162 Jingui Yu, et al. (2005) Anesth Analg 101: 315-321 Hironobu Ihn et al.(2000) Immunology 165: 2149-2155

Product Info

Amount: $50 \mu l / 100 \mu l$

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Predicted MW: 42 44 kd, Western blotting: 1:500~1:1000

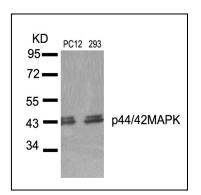


Figure 1: Western blot analysis of extracts from PC12 and 293 cells using p44/42 MAP Kinase(Ab-204) Antibody 35-1573.