

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

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| Clonality : | Polyclonal |
| Application : | WB |
| Reactivity : | Human,Mouse,Rat |
| Gene : | MAPK3 |
| Gene ID : | 5595 |
| Uniprot ID : | P27361 |
| Format : | Purified |
| Alternative Name : | Extracellular signal-regulated kinase 1 |
| Isotype : | Rabbit IgG |
| 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

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|----------------------------|--|
| Amount : | 50 µl / 100 µl |
| Content : | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage condition : | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

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

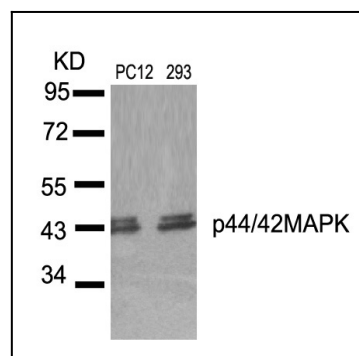


Figure 1: Western blot analysis of extracts from PC12 and 293 cells using p44/42 MAP Kinase(Ab-204) Antibody 35-1573 .