

Datasheet

MAPK1/MAPK3 polyclonal antibody

Catalog Number: PAB7987

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of MAPK1, MAPK3.

Immunogen: A synthetic peptide corresponding to amino acids at N-terminus of human MAPK1/MAPK3.

Host: Rabbit

Theoretical MW (kDa): 42.9

Reactivity: Human, Mouse, Rabbit, Rat

Applications: WB-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Purification: Affinity purification

Isotype: IgG

Recommend Usage: Western Blot (0.5-1 ug/mL)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from 0.9 mg NaCl, 0.2 mg Na₂HPO₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)

Storage Instruction: Store at -20°C on dry atmosphere.

After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5594|5595

Gene Symbol: MAPK1

Gene Alias: ERK, ERK2, ERT1, MAPK2, P42MAPK, PRKM1, PRKM2, p38, p40, p41, p41mapk

References:

1. MAP kinase phosphatase as a locus of flexibility in a mitogen-activated protein kinase signaling network. Bhalla US, Ram PT, Iyengar R. Science. 2002 Aug 9;297(5583):1018-23.

2. Genomic loci of human mitogen-activated protein kinases. Li L, Wysk M, Gonzalez FA, Davis RJ. Oncogene. 1994 Feb;9(2):647-9.