

Anti-Mouse Mapk3 Antibody (C-term)

Catalog Number: A00104

About Mapk3

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) and heat shock factor protein 4 (HSF4) (By similarity). Phosphorylates SPZ1.

Overview

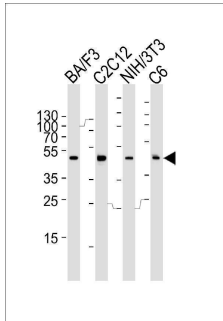
Product Name	Anti-Mouse Mapk3 Antibody (C-term)
Reactive Species	Mouse
Description	Boster Bio Anti-Mouse Mapk3 Antibody (C-term) (Catalog # A00104). Tested in Flow Cytometry, WB, IHC-P application(s). This antibody reacts with Mouse.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q63844

Technical Details

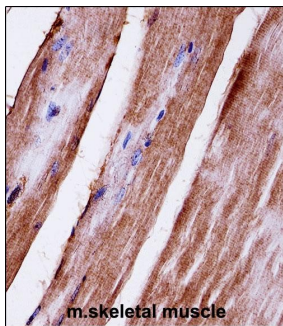
Immunogen	This Mouse Mapk3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 353-380 amino acids from the C-terminal region of mouse Mapk3.
Predicted Reactive Species	Chicken, Rat
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000

IHC-P: 1:10-1:50
FC: 1:25

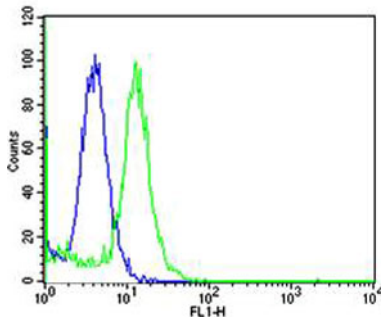
Anti-Mouse Mapk3 Antibody (C-term) (A00104) Images



Western blot analysis of lysates from mouse BA/F3, C2C12, NIH/3T3 and rat C6 cell line (from left to right), using Mouse Mapk3 Antibody (C-term). A00104 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



Mouse Mapk3 Antibody (C-term) (A00104) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Mapk3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow cytometric analysis of HeLa cells using Mouse Mapk3 Antibody (C-term)(green, Cat#A00104) compared to an isotype control of rabbit IgG(blue). A00104 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

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Anti-Mouse Mapk3 Antibody (C-term)

For Research Use Only. Not for use in diagnostic procedures.