

Rabbit p44/42 MAP Kinase Polyclonal Antibody

p44/42 MAP Kinase antibody

CATALOG # AAA107779	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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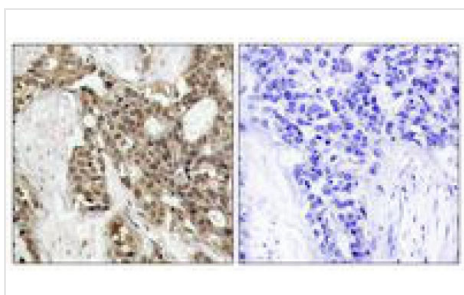
PRODUCT SYNONYMS

p44/42 MAP Kinase; Polyclonal Antibody; p44/42 MAP Kinase antibody; Polyclonal p44/42 MAP Kinase; Anti-p44/42 MAP Kinase; p/42 MAP Kinase 44; p/42 MAP Kinase-44; Phospho Tyr204; anti-p44/42 MAP Kinase antibody

PRODUCT SPECIFICATIONS

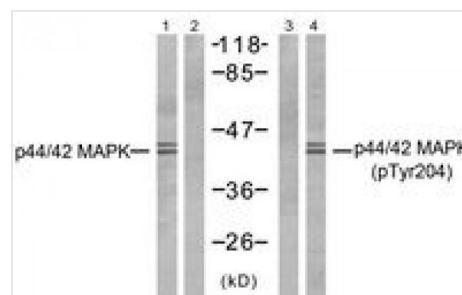
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	p44/42 MAP Kinase antibody was purified by immunoaffinity chromatography.
Form/Format	Supplied in liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-p44/42 MAP Kinase antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	Mitogen-activated protein kinases (MAPKs) are a widely conserved family of serine/threonine protein kinases involved in many cellular programs such as cell proliferation, differentiation, motility, and death. The p44/42 MAPK (ERK1/2) signaling pathway can be activated in response to a diverse range of extracellular stimuli including mitogens, growth factors, and cytokines (1-3) and is an important target in the identification and treatment of cancer.
Cross-Reactivity	Human, Mouse, Rat
Immunogen	p44/42 MAP Kinase antibody was raised in Rabbit using the peptide sequence around phosphorylation site of tyrosine 204 (T-E-Y(p)-V-A) derived from Human p44/42 MAP Kinase as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



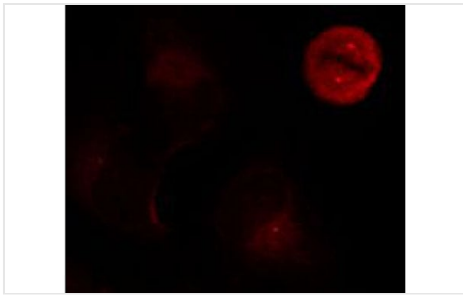
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using p44/42 MAP Kinase (Phospho-Tyr204) antibody (left) or the same antibody preincubated with blocking peptide (right)



WB (Western Blot)

Western Blot analysis of extracts from 293 cells untreated or treated with UV using p44/42 MAP Kinase (Phospho-Tyr204) antibody



IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells showing centrosome and nuclear staining using p44/42 MAP Kinase (Phospho-Tyr204) antibody

ADDITIONAL INFORMATION

Related Product Information for anti-p44/42 MAP Kinase antibody	Rabbit polyclonal p44/42 MAP Kinase antibody
Product Categories/Family for anti-p44/42 MAP Kinase antibody	Cancer

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/p44-42-map-kinase-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/107779>