

p44/42 MAP Kinase Antibody | anti-MAPK3 antibody

p44/42 MAP Kinase (Phospho-Tyr204) Antibody

CATALOG # AAA111175	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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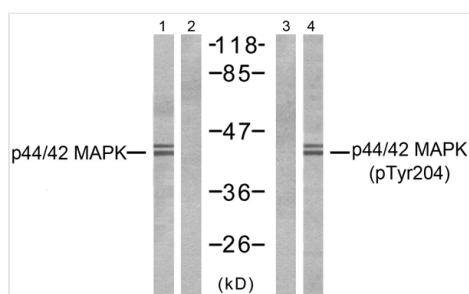
PRODUCT SYNONYMS

p44/42 MAP Kinase; p44/42 MAP Kinase (Phospho-Tyr204) Antibody; anti-MAPK3 antibody

PRODUCT SPECIFICATIONS

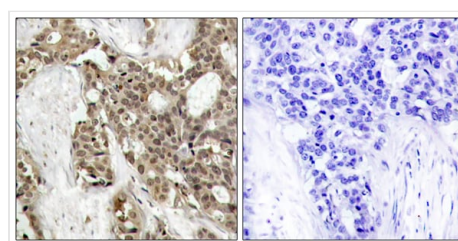
Reactivity	Human, Mouse, Rat
Specificity	p44/42 MAP Kinase (phospho-Tyr204) antibody detects endogenous levels of p44/42 MAP Kinase only when phosphorylated at tyrosine 204
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	357
Applicable Applications for anti-MAPK3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human p44/42 MAP Kinase around the phosphorylation site of tyrosine 204 (T-E-YP-V-A).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from NIH-3T3 cells, using p44/42 MAP Kinase (Ab-204) antibody and p44/42 MAP Kinase (phospho-Tyr204) antibody.



IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using p44/42 MAP Kinase (phospho-Tyr204) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MAPK3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	91718897
NCBI GeneID	5595
NCBI Accession #	NP_001035145.1
NCBI GenBank Nucleotide #	NM_001040056.2
UniProt Accession #	P27361; Q8NHX1; A8CZ58; B0LPG3
Molecular Weight	40,088 Da
NCBI Official Full Name	mitogen-activated protein kinase 3 isoform 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase 3
NCBI Official Symbol	MAPK3
NCBI Official Synonym Symbols	ERK1; ERT2; ERK-1; PRKM3; P44ERK1; P44MAPK; HS44KDAP; HUMKER1A; p44-ERK1; p44-MAPK
NCBI Protein Information	mitogen-activated protein kinase 3
UniProt Protein Name	Mitogen-activated protein kinase 3
UniProt Gene Name	MAPK3
UniProt Synonym Gene Names	ERK1; PRKM3; MAP kinase 3; MAPK 3; ERK-1; p44-MAPK

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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/p44-42-map-kinase/111175>