Rabbit p44/42 MAP Kinase Polyclonal Antibody | anti-MAPK3 antibody

p44/42 MAP Kinase (Phospho-Tyr204) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316489	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

p44/42 MAP Kinase; Polyclonal Antibody; p44/42 MAP Kinase (Phospho-Tyr204) Antibody; ERK-1; ERK1; ERT2; Extracellular signal- regulated kinase 1; Insulin-stimulated MAP2 kinase; kinase ERK1; MAP kinase 1; MAPK 1; MAPK3; Microtubule- associated protein-2 kinase; Mitogen-activated protein kinase 3; MK03; MNK1; p44-ERK1; P44-ERK1; p44-MAPK; anti-MAPK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	p44/42 MAP Kinase (Phospho-Tyr204) Antibody detects endogenous levels of p44/42 MAP Kinase only when phosphorylated at Tyr204.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	357
Applicable Applications for anti-MAPK3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y204/187; M:Y205/185; R:Y205/185
Immunogen	The antiserum was produced against synthesized peptide derived from human p44/42 MAP Kinase around the phosphorylation site of Tyr204.
Immunogen Range	170-219
Preparation and Storage	Stable at -20°C for at least 1 year.

IMAGES

WB (Western Blot)
Western blot analysis of lysates from HeLa cells treated with EGF 200ng/ml 30', using p44/42 MAP Kinase (Phospho-Tyr204) Antibody. The lane on the right is blocked with the phospho peptide.

IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using p44/42 MAP Kinase (Phospho-Tyr204) Antibody. The picture on the right is blocked with the phospho peptide.

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	43 kDa
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/polyclonal/p44-42-map-kinase-antibody-immunohistochemistry-western-blot-elisa/316489