

Rabbit p44/42 MAPK Polyclonal Antibody | anti-p44/42 MAPK antibody

p44/42 MAPK Antibody

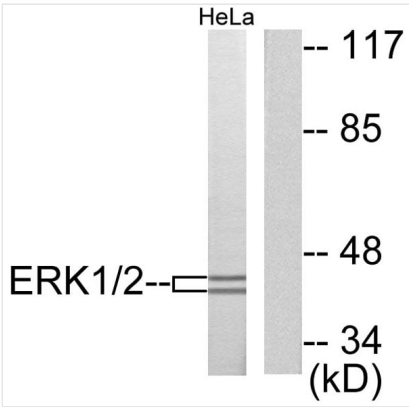
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA317205	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

p44/42 MAPK; Polyclonal Antibody; p44/42 MAPK 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-p44/42 MAPK antibody

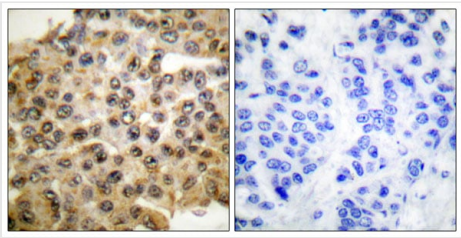
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	p44/42 MAPK Antibody detects endogenous levels of total p44/42 MAPK protein.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	357
Applicable Applications for anti-p44/42 MAPK antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human p44/42 MAPK.
Immunogen Range	330-379
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)

Western blot analysis of lysates from HeLa cells, using p44/42 MAPK Antibody. The lane on the right is blocked with the synthesized peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using p44/42 MAPK Antibody. The picture on the right is blocked with the synthesized 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.