

Goat ERK1/MAPK3 Polyclonal Antibody | anti-MAPK3 antibody

Goat anti-ERK1/MAPK3 Antibody

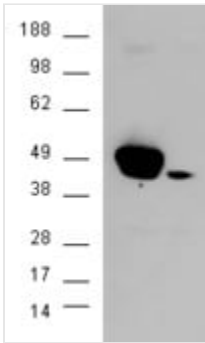
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61145	Goat	Tested: Human; Expected from sequence similarity: Human	Western Blot, ELISA

PRODUCT SYNONYMS

ERK1/MAPK3; Polyclonal Antibody; Goat anti-ERK1/MAPK3 Antibody; MAPK3; ERK1; mitogen-activated protein kinase 3; HGNC: 6877; P44ERK1; P44MAPK; PRKM3; protein kinase; mitogen-activated 3 (MAP kinase 3 p44); HS44KDAP; HUMKER1A; MGC20180; OTTHUMP00000174538; extracellular signal-regulated kinase 1; extracellular signal-re; MAPK3 antibody; ERK1 antibody; mitogen-activated protein kinase 3 antibody; HGNC: 6877 antibody; P44ERK1 antibody; P44MAPK antibody; PRKM3 antibody; mitogen-activated 3 (MAP kinase 3 p44) antibody; HS44KDAP antibody; HUMKER1A antibody; MGC20180 antibody; OTTHUMP00000174538 antibody; extracellular signal-regulated kinase 1 antibody; extracellular signal-related kinase 1 antibody; ERK1 / MAPK3; anti-MAPK3 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	GGEPRRTEGV GP
Sequence Length	379
Applicable Applications for anti-MAPK3 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence GGEPRRTEGVGP-C, from the N Terminus of the protein sequence according to NP_002737.2; NP_001035145.1; NP_001103361.1.
Epitope	N Terminus
Note	No cross-reactivity expected with ERK2
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
HEK293 overexpressing ERK1 (RC204196) and probed (mock transfection in second lane), tested by Origene



WB (Western Blot)
0.3ug/ml staining of 293 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	91718899
NCBI GeneID	5595
NCBI Accession #	NP_002737.2; NP_001035145.1; NP_001103361.1
NCBI GenBank Nucleotide #	NM_002746.2
Molecular Weight	40,088 Da
NCBI Official Full Name	mitogen-activated protein kinase 3 isoform 1
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
UniProt Entry Name	MK03_HUMAN

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.