

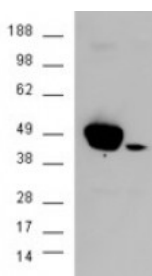


MAPK3 Antibody

CATALOG NUMBER: 45-087



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



HEK293 overexpressing ERK1 and probed with antibody (mock transfection in second lane), tested by Origene

Specifications

SPECIES REACTIVITY:

TESTED APPLICATIONS:

APPLICATIONS:	ELISA: antibody detection limit dilution 1:4000. Western Blot: Approx 45kDa band observed in Human Brain lysates, Kidney fibroblast HEK293 lysates and epidermoid fibroblast A431 lysates (calculated MW of 43.1kDa according to NP_002737.1). Recommended concentration: 0.1-0.3ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1210 - 293 Cell Lysate
SPECIFICITY:	No cross-reactivity expected with ERK2
IMMUNOGEN:	MAPK3 antibody was raised against a 12 amino acid synthetic peptide near the N-Terminus of MAPK3.
HOST SPECIES:	Goat

Properties

PURIFICATION:	MAPK3 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	MAPK3 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MAPK3, mitogen-activated protein kinase 3, HGNC:6877, ERK1, P44ERK1, P44MAPK, PRKM3, protein kinase, mitogen-activated 3 (MAP kinase 3 p44)
ACCESSION NO.:	NP_002737.1
PROTEIN GI NO.:	38257141

OFFICIAL SYMBOL: MAPK3

GENE ID: 5595

Background

REFERENCES: 1) Wang PY, Weng J, Anderson RG. OSBP is a cholesterol-regulated scaffolding protein in control of ERK 1/2 activation. Science. 2005 Mar 4;307(5714):1472-6.

FOR RESEARCH USE ONLY

December 13, 2016