Datasheet for ABIN1531831

anti-ERK1/2 antibody (pThr202)

1 Image

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Overview

Quantity:	100 µL
Target:	ERK1/2 (MAPK1/3)
Binding Specificity:	AA 169-218, pThr202
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERK1/2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human p44/42 MAP Kinase around the phosphorylation site of Thr202.
Isotype:	IgG
Specificity:	p44/42 MAP Kinase (Phospho-Thr202) Antibody detects endogenous levels of p44/42 MAP Kinase only when phosphorylated at Thr202. PhosphorylationH:T202/185 M:T203/183 R:T203/183
Purification:	The antibody was 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.
Purity:	> 95 %

Target Details

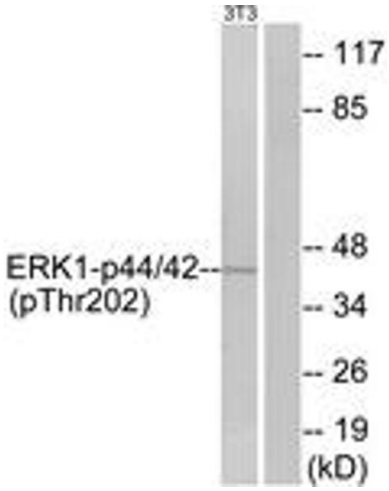
Target:	ERK1/2 (MAPK1/3)
Alternative Name:	p44/42 MAP Kinase (MAPK1/3 Products)
Background:	Synonyms: ERK-1, ERK1, ERT2, Extracellular signal- regulated kinase 1, Insulin-stimulated MAP2 kinase, kinase ERK1, MAP kinase 1, MAPK 1, MAPK3, Microtubule- associated protein-2 kinase, Mitogen-activated protein kinase 3, MK03, MNK1, p44-ERK1, P44-ERK1, p44-MAPK, NCBI Gene Symbol: MAPK3
Molecular Weight:	43 kDa
Gene ID:	5595, 5594
OMIM:	601795
UniProt:	P27361, P28482

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:10000
Comment:	Unigene-Number: Hs.861, Hs.431850 (NCBI Gene Symbol: MAPK3)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from NIH-3T3 cells treated with IFN 2500U/ml 30', using p44/42 MAP Kinase (Phospho-Thr202) Antibody. The lane on the right is treated with the synthesized peptide.