

Datasheet for ABIN5689555
anti-ERK1/2 antibody (AA 200-204)



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Overview

Quantity:	0.1 mg
Target:	ERK1/2 (MAPK1/3)
Binding Specificity:	AA 200-204
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERK1/2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	p44/42 MAP Kinase (Ab-202) antibody was raised against a peptide sequence around aa. 200~204 (F-L-T-E-Y) derived from Human p44/42 MAP Kinase.
Specificity:	This antibody detects endogenous level of total p44/42 MAP Kinase protein.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	ERK1/2 (MAPK1/3)
Alternative Name:	p44 / 42 MAP Kinase (MAPK1/3 Products)
Background:	Involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK-1. Phosphorylates EIF4EBP1, required for initiation of translation. Phosphorylates microtubule-

Target Details

	associated protein 2 (MAP2). Phosphorylates SPZ1
Molecular Weight:	42, 44 kDa
Gene ID:	5595
NCBI Accession:	NP_001035145
UniProt:	P27361

Application Details

Application Notes:	Western Blot: 1:500~1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Antibody supplied in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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:	Store antibody at -20°C for up to one year.