

Datasheet for ABIN362910 **anti-ERK1/2 antibody (AA 200-204)**



[Go to Product page](#)

Overview

Quantity:	100 µL
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:	Peptide sequence around AA 200-204 (F-L-T-E-Y) derived from Human p44, 42 MAP Kinase. Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates.
Isotype:	IgG
Specificity:	The antibody detects endogenous level of total p44/42 MAP Kinase protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Specificity/Sensitivity p44/42 MAP Kinase (Ab-202) antibody detects endogenous levels of total p44/42 MAP Kinase protein.

Target Details

Target:	ERK1/2 (MAPK1/3)
Alternative Name:	p44/42 MAP Kinase (MAPK1/3 Products)

Target Details

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-associated protein 2 (MAP2).
Molecular Weight:	44 kDa
NCBI Accession:	NP_001035
UniProt:	P27361

Application Details

Application Notes:	Western blotting: 1:500-1:1000
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:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.