

Datasheet for ABIN5960943

anti-ERK1/2 antibody (Thr202)



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1 Image

Overview

Quantity:	200 µL
Target:	ERK1/2 (MAPK1/3)
Binding Specificity:	Thr202
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERK1/2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Synthesized peptide derived from human ERK 1/2 around the non-phosphorylation site of Thr202.
Isotype:	IgG
Specificity:	MAPK3,ERK1,PRKM3,Mitogen-activated protein kinase 3,MAP kinase 3,MAPK 3,ERT2,Extracellular signal-regulated kinase 1,ERK-1,Insulin-stimulated MAP2 kinase,MAP kinase isoform p44,p44-MAPK,Microtubule-associated protein 2 kinase,p
Purification:	Affinity purification

Target Details

Target:	ERK1/2 (MAPK1/3)
Alternative Name:	ERK 1/2 (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 ELK1. Phosphorylates EIF4EBP1, required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2). Phosphorylates SPZ1 (By similarity). Phosphorylates heat shock factor protein 4 (HSF4) and ARHGEF2. Acts as a transcriptional repressor. Binds to a [GC]AAA[GC] consensus sequence. Repress the expression of interferon gamma-induced genes. Seems to bind to the promoter of CCL5, DMP1, IFIH1, IFITM1, IRF7, IRF9, LAMP3, OAS1, OAS2, OAS3 and STAT1. Transcriptional activity is independent of kinase activity.

Molecular Weight: 43kDa

Gene ID: 5595, 5594

Application Details

Application Notes: WB 1:500-1:2000, IF 1:100-1:300, ELISA 1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

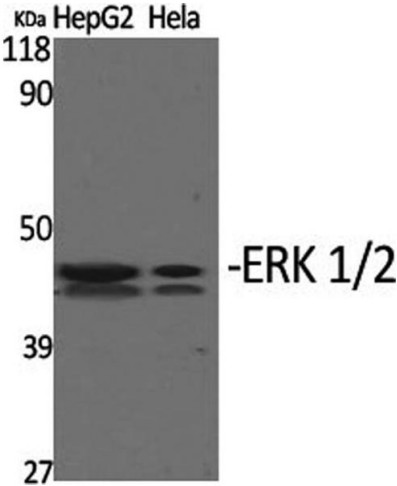
Buffer: PBS with 0.02 % sodium azide, 0.5 % BSA and 50 % glycerol, pH 7.4

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 at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1.