Phospho-ERK 1/2 (Tyr204) Polyclonal Antibody

Catalog Number:E-AB-20869 3 Publications

DIA-AN® by Elabscience

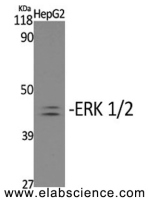
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from human ERK 1/2 around the phosphorylation site of Tyr204
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:100-1:300
IF	1:200-1:1000
ELISA	1:10000

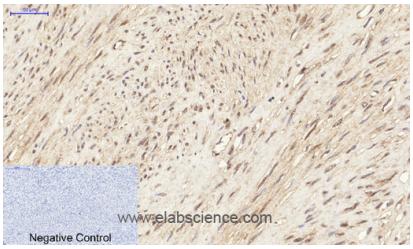
Data



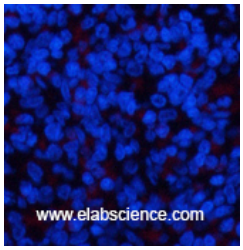
Western Blot analysis of HepG2 cells with Phospho-ERK 1/2 (Tyr204) Polyclonal Antibody at dilution of 1:2000

Observed Mw:44+42kDa

Calculated Mw:43kDa



Immunohistochemistry of paraffin-embedded Human uterus tissue with Phospho-ERK 1/2 (Tyr204) Polyclonal Antibody at dilution of 1:200



Immunofluorescence analysis of Rat spleen tissue with Phospho-ERK 1/2 (Tyr204) Polyclonal Antibody at dilution of 1:200

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: www.elabscience.com Email: techsupport@elabscience.com

Phospho-ERK 1/2 (Tyr204) Polyclonal Antibody

Catalog Number:E-AB-20869 3 Publications

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.