

ERK 1/2 Polyclonal Antibody

Catalog No: #40902

Package Size: #40902-1 50ul #40902-2 100ul

Description

Product Name	ERK 1/2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC ELISA
Species Reactivity	Hu Ms Rt
Specificity	ERK 1/2 Polyclonal Antibody detects endogenous levels of ERK 1/2 protein.
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from human ERK 1/2 around the non-phosphorylation site of Y204.
Conjugates	Unconjugated
Target Name	ERK 1/2
Other Names	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
Accession No.	Swiss-Prot: P27361/P28482NCBI Gene ID: 5595/5594
SDS-PAGE MW	44+42kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

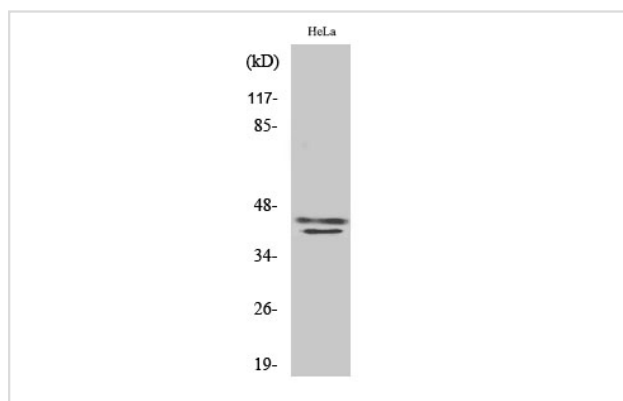
Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/10000.

Not yet tested in other applications.

Images



Western Blot analysis of HuvEc cells using ERK 1/2 Polyclonal Antibody



Western Blot analysis of AD293 453 293T HELA HepG2 823 NIH-3T3 Jurkat cells using ERK 1/2 Polyclonal Antibody

Published Papers

el at., Astragalus polysaccharides exerts anti-infective activity by inducing human cathelicidin antimicrobial peptide LL-37 in respiratory epithelial cells. In *Phytother Res*. On 2018 Aug by Zhao L, Tan S et al.. PMID: 29672953, , (2018)

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el at., Overexpression of astrocyte-elevated gene-1 is associated with ovarian cancer development and progression.In Mol Med Rep on 2015 Apr by Bo Zhou , Jue Yang et al..PMID:25483832, , (2015)

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el at., An alternatively spliced variant of CXCR3 mediates the metastasis of CD133+ liver cancer cells induced by CXCL9.In Oncotarget on 2016 Mar 22 by Qiang Ding, Yujia Xia et al..PMID:26883105, , (2016)

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el at., Cannabinoid receptor agonist WIN55,212-2 and fatty acid amide hydrolase inhibitor URB597 suppress chronic cerebral hypoperfusion-induced neuronal apoptosis by inhibiting c-Jun N-terminal kinase signaling.In Neuroscience 2015 Aug 20 by S-H Su , Y-F Wu et al..PMID:25795598, , (2015)

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el at., Artemisinin Improved Neuronal Functions in Alzheimer's Disease Animal Model 3xtg Mice and Neuronal Cells via Stimulating the ERK/CREB Signaling Pathway. In Aging Dis on 2020 Jul 23 by Xia Zhao, Shuai Li,et al..PMID:32765947, , (2020)

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el at., Brevilin A Ameliorates Acute Lung Injury and Inflammation Through Inhibition of NF- κ B Signaling via Targeting IKK α / β . In Front Pharmacol on 2022 Jun 14 by Lu Liu, Xian Chen,et al..PMID:35774606, , (2022)

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el at., The pivotal role of SUMO-1-JNK-Tau axis in an in vitro model of oxidative stress counteracted by the protective effect of curcumin. In Biochem Pharmacol on 2020 Aug by Lucia Buccarello, Jessica Dragotto, et al..PMID:32502496, , (2020)

[PMID:32502496](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.